

Converting Colors

XYZ(65.1050, 75.9015,
105.8268)

Have a look what the booklet for
XYZ(65.1050, 75.9015, 105.8268)
contains.

XYZ(65.2790, 76.0951, 105.8550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.2790, 76.0951,
105.8550)**

Conversions

Conversions Part 1

Format	Color
Hex	ADECFE
RGB	173, 236, 255
RGB Percent	68%, 93%, 100%
CMY	0.3216, 0.0745, 0.0000
CMYK	0.32, 0.07, 0.00, 0.00
HSL	194°, 100%, 84%
HSV	194°, 32%, 100%
XYZ	65.2790, 76.0951, 105.8550
YIQ	219.3290, -43.6470, -7.4470

Conversions

Conversions Part 2

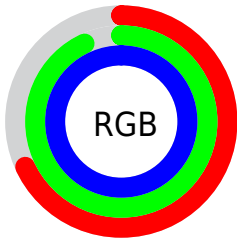
Format	Color
R _Y B	173, 209, 255
Decimal	11398399
CIE Lab	89.90, -15.34, -15.54
CIE LCh	90, 21.830, 225.373
Yxy	76.0951, 0.2640, 0.3078
Android (android.graphics.Color)	4289588479 (0xFFADECFF)
YUV	219.3290, 17.5858, -40.6305
Hunter-Lab	87.2325, -19.0794, -10.8845

Details

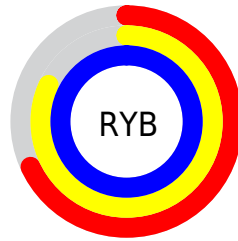
The XYZ color **65.2790, 76.0951, 105.8550** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.6327, 61.9762, 47.9350**, and the grayscale version is **67.4655, 70.9789, 77.2960**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **33.9855, 40.5713, 59.4659** is the 20% darker color. If you saturate the color by 10%, you get **58.4969, 70.1172, 105.0586**, and if you desaturate by 10%, it is **73.1975, 82.7461, 106.7214**.

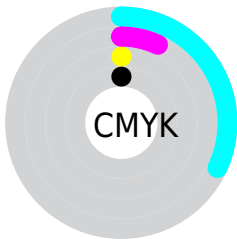
Distribution



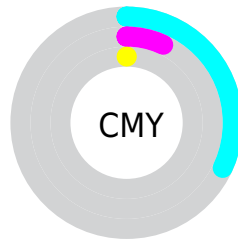
- Red (68%)
- Green (93%)
- Blue (100%)



- Red (68%)
- Yellow (82%)
- Blue (100%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2790, 76.0951, 105.8550 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.2790, 76.0951, 105.8550 by changing the saturation by 10% instead.

65.2790, 76.0951,
105.8550

65.2790, 76.0951,
105.8550

433.3233,
481.6732, 600.2119

47.9529, 56.5105,
80.5552

111.5144,
127.8613, 171.3021

34.0007, 40.6124,
59.6465

141.1543,
160.8117, 212.2864

23.0570, 28.0163,
42.7103

175.6296,
198.9862, 259.3360

14.7565, 18.3380,
29.3282

215.3055,
242.7691, 312.8695

8.7339, 11.1929,
19.0815

260.5475,
292.5449, 373.3052

4.6237, 6.1967,
11.5518

311.7209,

2.0607, 2.9651,

348.6979, 441.0618

6.3204

369.1910,
411.6125, 516.5579

■ 0.6677, 1.1135,
2.9690

■ 0.0000, 0.0000,
1.0788

■ 65.2790, 76.0951,
105.8550

■ 65.2790, 76.0951,
105.8550

■ 58.4969, 70.1172,
105.0586

■ 73.1975, 82.7461,
106.7214

■ 52.7831, 64.7710,
104.3278

■ 82.3034, 90.0916,
107.6593

■ 48.0716, 60.0233,
103.6598

■ 92.6518, 98.1627,
108.6718

■ 44.2860, 55.8341,
103.0507

■ 95.0500, 100.0000,
108.9000

■ 41.3384, 52.1572,
102.4963

■ 39.1227, 48.9370,
101.9915

■ 37.7731, 46.6662,
101.6244

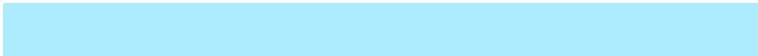
Harmonies

Analogous

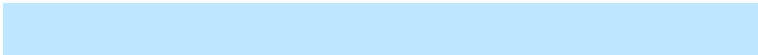
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.7753, 76.0951, 90.9853



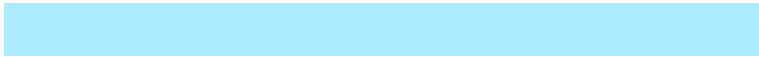
65.2790, 76.0951, 105.8550



69.7374, 76.0951, 115.0633

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.2790, 76.0951, 105.8550



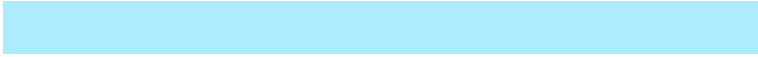
82.8380, 76.0951, 90.5876



69.6100, 76.0951, 57.3770

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.2790, 76.0951, 105.8550



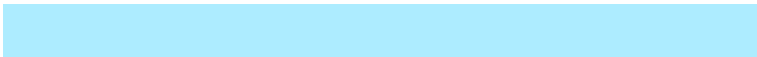
67.6327, 61.9762, 47.9350

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9781, 76.0951, 57.2985



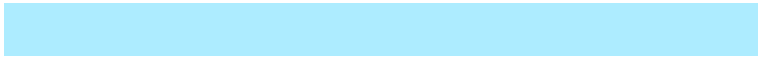
65.2790, 76.0951, 105.8550



82.7997, 76.0951, 75.2234

Square

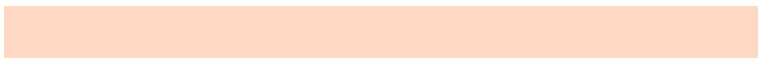
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



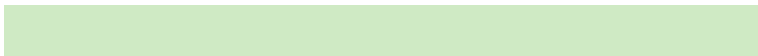
65.2790, 76.0951, 105.8550



79.9652, 76.0951, 105.5328



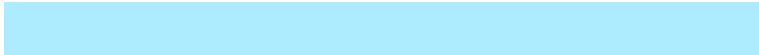
79.8630, 76.0951, 63.4534



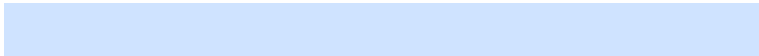
65.1897, 76.0951, 63.6830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2790, 76.0951, 105.8550



73.3022, 76.0951, 116.1027



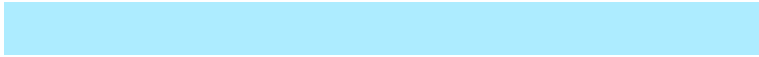
79.8630, 76.0951, 63.4534



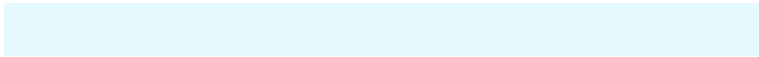
71.3587, 76.0951, 56.6500

Sweetspot

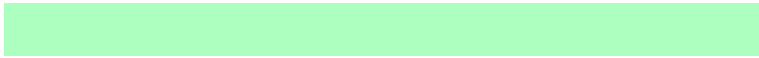
The Sweet Spot groups the original color and five complimentary colors.



65.2811, 76.0980, 105.8555



84.4272, 91.7690, 107.8711



62.3730, 84.1561, 62.1137



17.7731, 19.4074, 23.0592



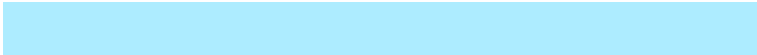
0.0000, 0.0000, 0.0000



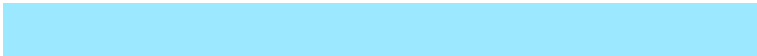
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2811, 76.0980, 105.8555



60.5190, 71.9343, 105.3028



55.0776, 55.6910, 102.4543



18.1771, 19.7259, 23.0994



19.8565, 24.6226, 53.1407



2.0158, 2.5624, 5.2016

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.3252, 57.2049, 86.6425



67.6130, 50.7102, 82.5392



77.5744, 81.8598, 51.2489



18.6021, 18.2241, 21.7876



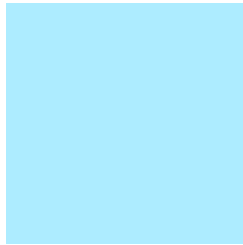
26.8109, 13.2136, 28.7181



2.6521, 1.3032, 3.0154

Previews

White Background



This preview shows how the XYZ color 65.2790, 76.0951, 105.8550 looks on a white background.

Color Contrast Check

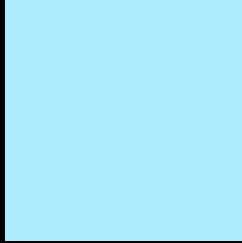
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.2790, 76.0951, 105.8550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2790, 76.0951, 105.8550

Background



This preview shows how black text looks on a background with the XYZ color 65.2790, 76.0951, 105.8550.

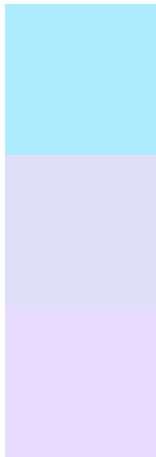


This preview shows how white text looks on a background with the XYZ color 65.2790, 76.0951,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.2790, 76.0951, 105.8550

Protanopia

73.8756, 75.7147, 98.7164

Deuteranopia

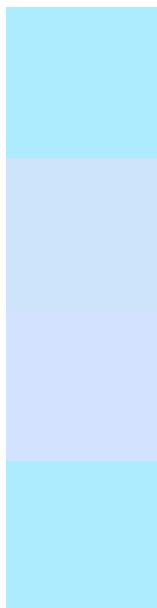
76.5982, 75.3953, 105.1233



Tritanopia

65.2790, 76.0951, 105.8550

Trichromacy



Original Color

65.2790, 76.0951, 105.8550

Protanomaly

70.1756, 75.3681, 101.2913

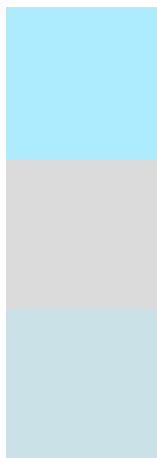
Deuteranomaly

71.8247, 75.3144, 105.3593

Tritanomaly

65.2790, 76.0951, 105.8550

Monochromacy



Original Color

65.2790, 76.0951, 105.8550

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.8478, 72.2332, 86.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2790, 76.0951, 105.8550 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 236, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.2790, 76.0951, 105.8550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 236, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(173, 236, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(173, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2790, 76.0951, 105.8550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 236, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173,  
236, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor