

Converting Colors

XYZ(65.1520, 75.1796,
105.6850)

Have a look what the booklet for
XYZ(65.1520, 75.1796, 105.6850)
contains.

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Color

**XYZ(65.1520, 75.1796,
105.6850)**

Conversions

Conversions Part 1

Format	Color
Hex	AFEAFF
RGB	175, 234, 255
RGB Percent	69%, 92%, 100%
CMY	0.3137, 0.0823, 0.0000
CMYK	0.31, 0.08, 0.00, 0.00
HSL	196°, 100%, 84%
HSV	196°, 31%, 100%
XYZ	65.1520, 75.1796, 105.6850
YIQ	218.7530, -41.9050, -5.9770

Conversions

Conversions Part 2

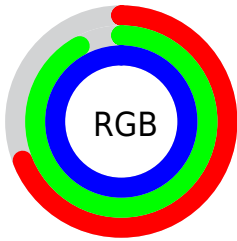
Format	Color
R_{YB}	175, 209, 255
Decimal	11528959
CIE _{Lab}	89.48, -13.78, -16.17
CIE _{LCh}	89, 21.244, 229.548
Yxy	75.1796, 0.2648, 0.3056
Android (android.graphics.Color)	4289719039 (0xFFAFEAFF)
YUV	218.7530, 17.8698, -38.3714
Hunter-Lab	86.7062, -17.6089, -11.5735

Details

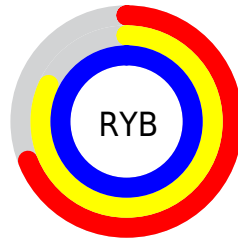
The XYZ color **65.1520, 75.1796, 105.6850** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7179, 63.8347, 49.2587**, and the grayscale version is **67.0635, 70.5560, 76.8355**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **33.8592, 39.9111, 59.3451** is the 20% darker color. If you saturate the color by 10%, you get **58.0909, 68.7659, 104.8192**, and if you desaturate by 10%, it is **73.3698, 82.3002, 106.6263**.

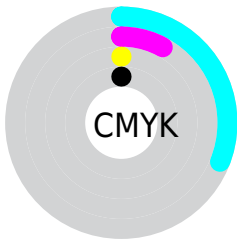
Distribution



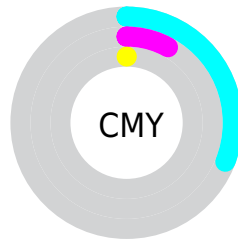
- Red (69%)
- Green (92%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1520, 75.1796, 105.6850 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 65.1520, 75.1796, 105.6850 by changing the saturation by 10% instead.

65.1520, 75.1796,
105.6850

65.1520, 75.1796,
105.6850

432.8746,
478.5347, 599.6712

47.8495, 55.7600,
80.4135

111.3329,
126.5666, 171.0677

33.9185, 40.0106,
59.5305

140.9419,
159.3027, 212.0161

22.9936, 27.5468,
42.6175

175.3839,
197.2466, 259.0271

14.7094, 17.9843,
29.2559

215.0241,
240.7825, 312.5193

8.7007, 10.9387,
19.0273

260.2279,
290.2949, 372.9113

4.6020, 6.0256,
11.5130

311.3607,

2.0480, 2.8607,

346.1681, 440.6216

6.2945

368.7878,
408.7866, 516.0687

■ 0.6607, 1.0594,
2.9533

■ 0.0000, 0.0000,
1.0708

■ 65.1520, 75.1796,
105.6850

■ 65.1520, 75.1796,
105.6850

■ 58.0909, 68.7659,
104.8192

■ 73.3698, 82.3002,
106.6263

■ 52.1187, 63.0173,
104.0244

■ 82.7952, 90.1494,
107.6445

■ 47.1695, 57.9007,
103.2976

■ 93.4832, 98.7587,
108.7430

■ 43.1674, 53.3756,
102.6351

■ 95.0500, 100.0000,
108.9000

■ 40.0255, 49.3960,
102.0326

■ 37.6390, 45.9068,
101.4848

■ 36.0489, 43.2178,
101.0496

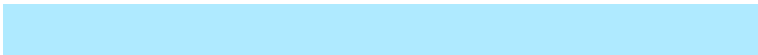
Harmonies

Analogous

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



62.4261, 75.1796, 91.8362



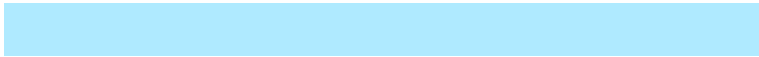
65.1520, 75.1796, 105.6850



69.6541, 75.1796, 113.4338

Triad

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



65.1520, 75.1796, 105.6850



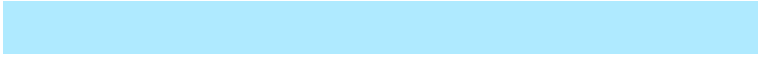
81.7660, 75.1796, 87.1733



68.1566, 75.1796, 57.6909

Complementary

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



65.1520, 75.1796, 105.6850



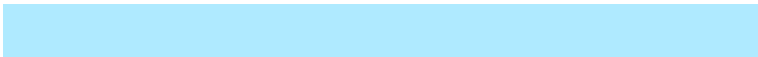
68.7179, 63.8347, 49.2587

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.



73.2886, 75.1796, 56.7635



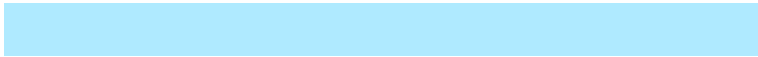
65.1520, 75.1796, 105.6850



81.3171, 75.1796, 72.6297

Square

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



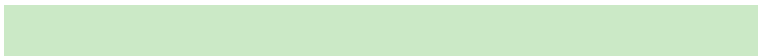
65.1520, 75.1796, 105.6850



79.3523, 75.1796, 101.9168



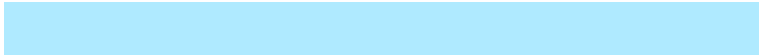
78.1540, 75.1796, 61.9115



64.1016, 75.1796, 64.6202

Rectangle

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



65.1520, 75.1796, 105.6850



73.1303, 75.1796, 113.5316



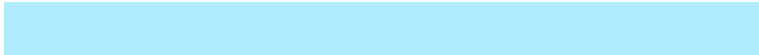
78.1540, 75.1796, 61.9115



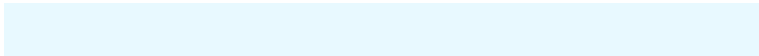
69.8074, 75.1796, 56.7019

Sweetspot

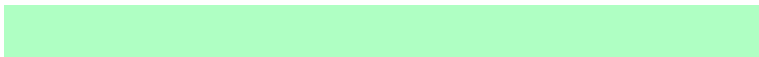
The Sweet Spot groups the original color and five complimentary colors.



65.1540, 75.1825, 105.6854



85.2134, 92.1211, 107.8977



63.2906, 84.5746, 64.6201



17.9198, 19.4577, 23.0612



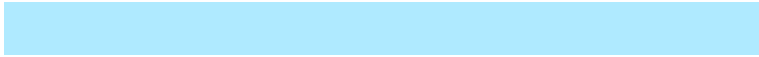
0.0000, 0.0000, 0.0000



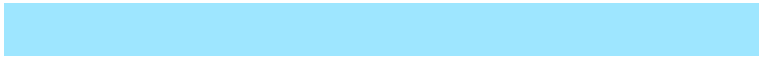
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1540, 75.1825, 105.6854



60.3469, 70.8527, 105.1031



55.2457, 55.3658, 102.3826



18.1278, 19.6271, 23.0829



18.9645, 22.8386, 52.8433



1.9356, 2.4018, 5.1749

Inverse Universe

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



71.4226, 57.8621, 85.2493



67.7062, 51.4368, 80.9050



78.6868, 83.7724, 52.5817



18.5771, 18.2142, 21.6563



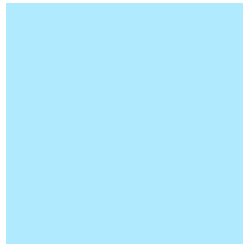
26.3606, 13.0335, 26.3472



2.6116, 1.2870, 2.8020

Previews

White Background



This preview shows how the XYZ color 65.1520, 75.1796, 105.6850 looks on a white background.

Color Contrast Check

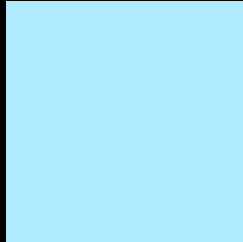
Large Text (above 18pt) WCAG AA × Fail

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 65.1520, 75.1796, 105.6850 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 65.1520, 75.1796, 105.6850

Background



This preview shows how black text looks on a background with the XYZ color 65.1520, 75.1796, 105.6850.



This preview shows how white text looks on a background with the XYZ color 65.1520, 75.1796,

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

65.1520, 75.1796, 105.6850

Protanopia

73.1497, 74.9248, 99.4135

Deuteranopia

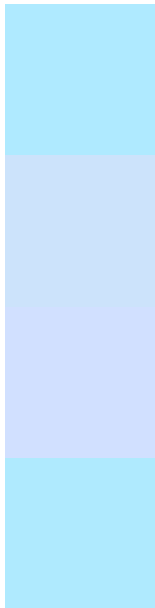
75.6946, 74.5410, 105.0061



Tritanopia

64.8316, 75.0514, 103.9979

Trichromacy



Original Color

65.1520, 75.1796, 105.6850

Protanomaly

69.7835, 74.7406, 102.0152

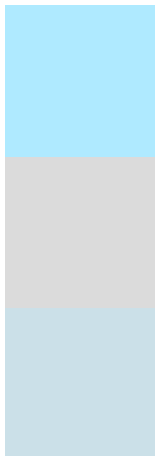
Deuteranomaly

71.0001, 74.0866, 105.1658

Tritanomaly

64.9914, 75.1154, 104.8392

Monochromacy



Original Color

65.1520, 75.1796, 105.6850

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.8497, 71.8340, 86.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1520, 75.1796, 105.6850 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(175, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 234, 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(175, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.1520, 75.1796, 105.6850 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(175, 234, 255) }
```


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

```
.border{ border-color:rgb(175, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 234,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1520, 75.1796, 105.6850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 234, 255) }
```

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

```
.background{ background-color: rgb(175,  
234, 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](#).

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