

Converting Colors

XYZ(61.3246, 72.9365,
105.4538)

Have a look what the booklet for
XYZ(61.3246, 72.9365, 105.4538)
contains.

XYZ(61.2895, 72.7669, 105.4229)	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(61.2895, 72.7669,
105.4229)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE9FF
RGB	158, 233, 255
RGB Percent	62%, 91%, 100%
CMY	0.3804, 0.0863, 0.0000
CMYK	0.38, 0.09, 0.00, 0.00
HSL	194°, 100%, 81%
HSV	194°, 38%, 100%
XYZ	61.2895, 72.7669, 105.4229
YIQ	213.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

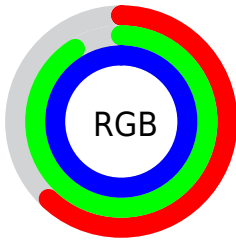
Format	Color
R_{YB}	158, 200, 255
Decimal	10414591
CIE _{Lab}	88.34, -17.76, -17.97
CIE _{LCh}	88, 25.262, 225.339
Yxy	72.7669, 0.2559, 0.3039
Android (android.graphics.Color)	4288604671 (0xFF9EE9FF)
YUV	213.0830, 20.6651, -48.3078
Hunter-Lab	85.3035, -21.0312, -13.5615

Details

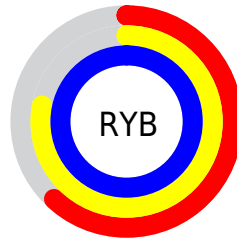
The XYZ color **61.2895, 72.7669, 105.4229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7333, 56.3715, 39.8715**, and the grayscale version is **63.1941, 66.4851, 72.4023**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.3947, 38.3463, 59.1730** is the 20% darker color. If you saturate the color by 10%, you get **55.1745, 67.2256, 104.6756**, and if you desaturate by 10%, it is **68.5028, 78.9574, 106.2376**.

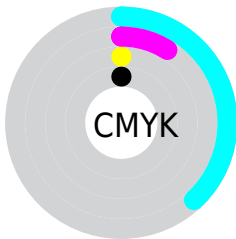
Distribution



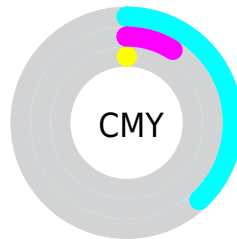
- Red (62%)
- Green (91%)
- Blue (100%)



- Red (62%)
- Yellow (78%)
- Blue (100%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2895, 72.7669, 105.4229 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 61.2895, 72.7669, 105.4229 by changing the saturation by 10% instead.

61.2895, 72.7669,
105.4229

61.2895, 72.7669,
105.4229

419.0936,
470.2065, 598.8371

44.7123, 53.7854,
80.1951

105.7937,
123.1462, 170.7064

31.4312, 38.4301,
59.3518

134.4515,
155.3128, 211.5991

21.0808, 26.3167,
42.4745

167.8667,
192.6433, 258.5505

13.2959, 17.0607,
29.1447

206.4049,
235.5219, 311.9792

7.7110, 10.2778,
18.9438

250.4313,
284.3332, 372.3036

3.9608, 5.5835,
11.4532

300.3113,

1.6800, 2.5935,

339.4614, 439.9424

6.2546

356.4103,
401.2911, 515.3141

■ 0.4437, 0.9234,
2.9292

■ 0.0000, 0.0000,
1.0586

■ 61.2895, 72.7669,
105.4229

■ 61.2895, 72.7669,
105.4229

■ 55.1745, 67.2256,
104.6756

■ 68.5028, 78.9574,
106.2376

■ 50.0863, 62.2909,
103.9913

■ 76.8681, 85.8206,
107.1214

■ 45.9545, 57.9272,
103.3668

■ 86.4427, 93.3882,
108.0775

■ 42.6964, 54.0914,
102.7981

95.0500, 100.0000,
108.9000

■ 40.2146, 50.7324,
102.2805

■ 38.3771, 47.7812,
101.8078

■ 38.0555, 47.2310,
101.7185

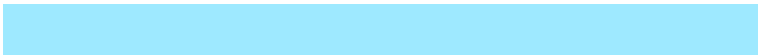
Harmonies

Analogous

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



58.5208, 72.7669, 88.3925



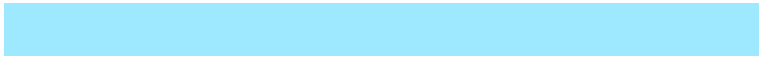
61.2895, 72.7669, 105.4229



66.2546, 72.7669, 116.1089

Triad

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



61.2895, 72.7669, 105.4229



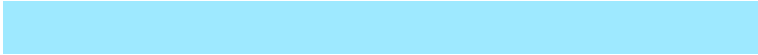
81.0621, 72.7669, 87.9830



66.1253, 72.7669, 51.2033

Complementary

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



61.2895, 72.7669, 105.4229



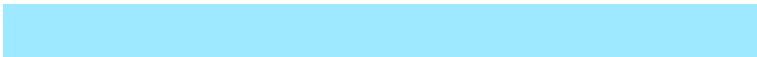
63.7333, 56.3715, 39.8715

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.



72.1548, 72.7669, 51.1270



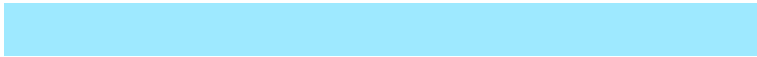
61.2895, 72.7669, 105.4229



81.0225, 72.7669, 70.7251

Square

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



61.2895, 72.7669, 105.4229



77.7883, 72.7669, 105.0856



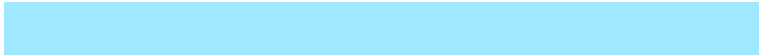
77.6830, 72.7669, 57.7815



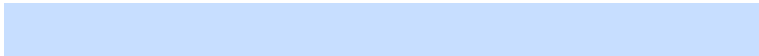
61.1996, 72.7669, 58.0080

Rectangle

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



61.2895, 72.7669, 105.4229



70.2529, 72.7669, 117.3285



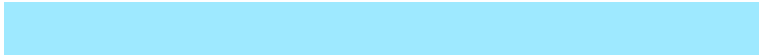
77.6830, 72.7669, 57.7815



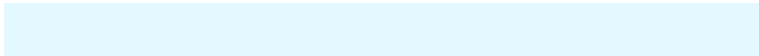
68.0840, 72.7669, 50.4267

Sweetspot

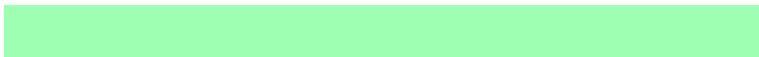
The Sweet Spot groups the original color and five complimentary colors.



61.2915, 72.7696, 105.4233



83.4770, 91.0712, 107.7865



58.0002, 82.0451, 55.4379



17.5848, 19.2705, 23.0427



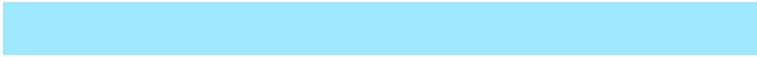
0.0000, 0.0000, 0.0000



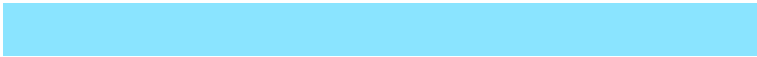
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2915, 72.7696, 105.4233



56.3351, 68.3046, 104.8227



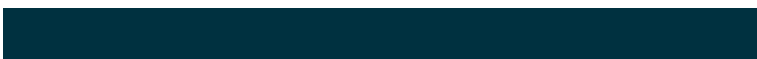
49.6024, 49.3914, 101.5269



18.1850, 19.7416, 23.1020



20.0025, 24.9146, 53.1893



2.0289, 2.5886, 5.2060

Inverse Universe

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



68.1762, 51.5987, 83.4600



64.3446, 44.9746, 78.9795



75.0229, 78.9507, 43.6347



18.6060, 18.2257, 21.8085



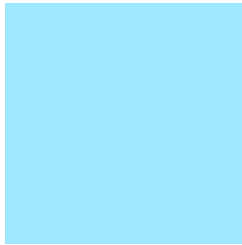
26.8845, 13.2431, 29.1062



2.6587, 1.3059, 3.0502

Previews

White Background



This preview shows how the XYZ color 61.2895, 72.7669, 105.4229 looks on a white background.

Color Contrast Check

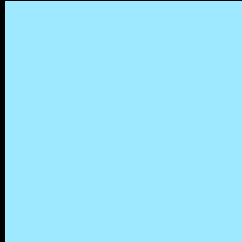
Large Text (above 18pt) WCAG AA × Fail

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 61.2895, 72.7669, 105.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

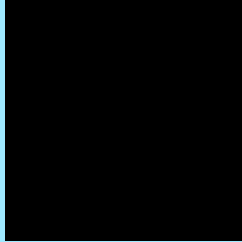
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2895, 72.7669, 105.4229

Background



This preview shows how black text looks on a background with the XYZ color 61.2895, 72.7669, 105.4229.

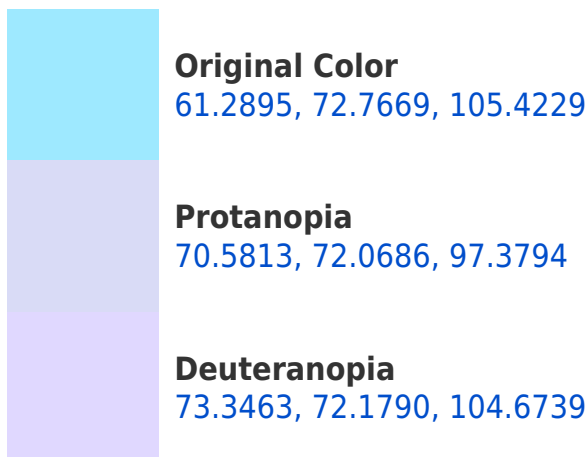


This preview shows how white text looks on a background with the XYZ color 61.2895, 72.7669,

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

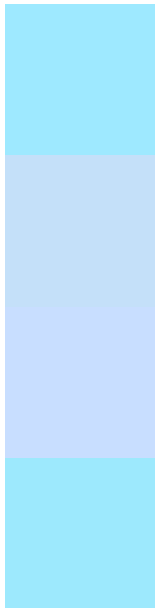




Tritanopia

60.6142, 72.4742, 102.8897

Trichromacy



Original Color

61.2895, 72.7669, 105.4229

Protanomaly

66.5195, 71.8866, 99.9921

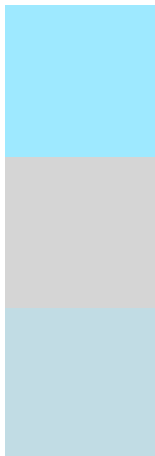
Deuteranomaly

67.9907, 71.7419, 104.8718

Tritanomaly

60.7732, 72.5378, 103.7266

Monochromacy



Original Color

61.2895, 72.7669, 105.4229

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5891, 68.1253, 83.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2895, 72.7669, 105.4229 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(158, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 233, 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(158, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2895, 72.7669, 105.4229 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(158, 233, 255) }
```


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

```
.border{ border-color:rgb(158, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2895, 72.7669, 105.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 233, 255) }
```

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

```
.background{ background-color: rgb(158,  
233, 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