

Converting Colors

XYZ(56.8494, 60.0961, 98.2260)

Have a look what the booklet for
XYZ(56.8494, 60.0961, 98.2260)
contains.

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Color

**XYZ(56.8494, 60.0961,
98.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCEF9
RGB	175, 206, 249
RGB Percent	69%, 81%, 98%
CMY	0.3137, 0.1921, 0.0235
CMYK	0.30, 0.17, 0.00, 0.02
HSL	215°, 86%, 83%
HSV	215°, 30%, 98%
XYZ	56.8494, 60.0961, 98.2260
YIQ	201.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

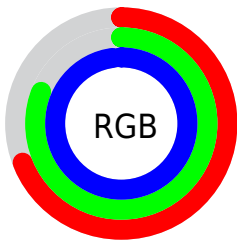
Format	Color
R _Y B	175, 197, 249
Decimal	11521785
CIE Lab	81.89, -0.67, -24.47
CIE LCh	82, 24.482, 268.441
Yxy	60.0961, 0.2642, 0.2793
Android (android.graphics.Color)	4289711865 (0xFFAFCEF9)
YUV	201.6330, 23.3519, -23.3571
Hunter-Lab	77.5217, -4.7625, -20.8599

Details

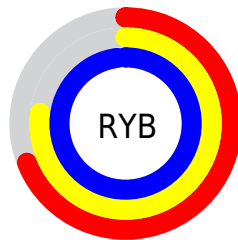
The XYZ color **56.8494, 60.0961, 98.2260** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.8772, 73.3786, 50.9344**, and the grayscale version is **55.7856, 58.6908, 63.9143**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **28.6278, 30.3272, 54.2141** is the 20% darker color. If you saturate the color by 10%, you get **48.4436, 50.8290, 96.8813**, and if you desaturate by 10%, it is **66.6101, 70.5405, 99.7285**.

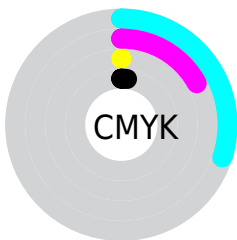
Distribution



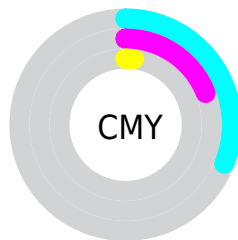
- Red (69%)
- Green (81%)
- Blue (98%)



- Red (69%)
- Yellow (77%)
- Blue (98%)



- Cyan (30%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8494, 60.0961, 98.2260 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 56.8494, 60.0961, 98.2260 by changing the saturation by 10% instead.

■ 56.8494, 60.0961,
98.2260

■ 56.8494, 60.0961,
98.2260

402.9081,
424.9519, 575.6880

■ 41.1240, 43.4961,
74.2112

■ 99.3780, 104.9691,
160.7477

■ 28.6041, 30.2746,
54.4691

126.9120,
134.0108, 200.0917

■ 18.9243, 20.0471,
38.5811

159.1128,
167.9686, 245.3826

■ 11.7193, 12.4293,
26.1287

196.3460,
207.2268, 297.0387

■ 6.6237, 7.0367,
16.6933

238.9767,
252.1699, 355.4788

■ 3.2721, 3.4851,
9.8564

287.3704,

■ 1.2992, 1.3899,

303.1821, 421.1214

5.1995

341.8924,
360.6480, 494.3849

■ 0.1826, 0.2093,
2.3040

■ 0.0000, 0.0000,
0.7335

■ 56.8494, 60.0961,
98.2260

■ 56.8494, 60.0961,
98.2260

■ 48.4436, 50.8290,
96.8813

■ 66.6101, 70.5405,
99.7285

■ 41.3216, 42.6856,
95.6849

■ 77.7807, 82.1985,
101.3900

■ 35.4142, 35.6182,
94.6321

■ 90.4198, 95.1138,
103.2168

■ 30.6426, 29.5723,
93.7166

■ 94.0991, 99.6196,
103.8926

■ 26.9177, 24.4872,
92.9314

■ 24.1348, 20.2936,
92.2686

■ 22.1314, 16.8912,
91.7175

■ 22.0812, 16.8039,
91.7033

Harmonies

Analogous

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



52.0721, 60.0961, 92.8207



56.8494, 60.0961, 98.2260



61.9868, 60.0961, 93.8024

Triad

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



56.8494, 60.0961, 98.2260



66.3159, 60.0961, 52.7885



49.0594, 60.0961, 51.6339

Complementary

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



56.8494, 60.0961, 98.2260



71.8772, 73.3786, 50.9344

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.



52.5140, 60.0961, 43.4538



56.8494, 60.0961, 98.2260



62.4830, 60.0961, 44.0463

Square

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



56.8494, 60.0961, 98.2260



67.6462, 60.0961, 66.2124



57.3905, 60.0961, 40.8978



47.7459, 60.0961, 64.6626

Rectangle

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



56.8494, 60.0961, 98.2260



64.8870, 60.0961, 86.2009



57.3905, 60.0961, 40.8978



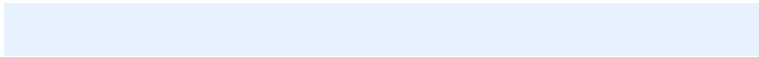
49.9981, 60.0961, 48.3037

Sweetspot

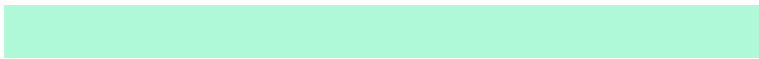
The Sweet Spot groups the original color and five complimentary colors.



56.8513, 60.0985, 98.2274



82.9973, 87.6889, 107.1590



64.0721, 81.8729, 78.0278



17.3734, 18.3649, 22.8791



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.



56.8513, 60.0985, 98.2274



54.2357, 57.1086, 102.7723



51.2374, 47.1966, 96.0330



16.8806, 17.8379, 21.9387



11.9526, 9.2608, 49.1311



1.2092, 1.0620, 4.5844

Inverse Universe

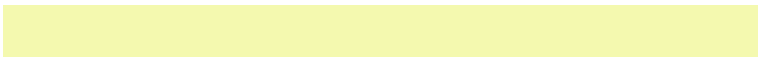
The Inverse Universe completely reimagines the original color for something new.



65.5391, 55.2577, 65.6065



64.9930, 51.7736, 62.2330



78.9462, 90.0927, 53.7880



17.5462, 17.3459, 19.4663



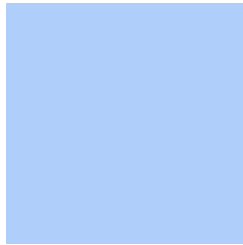
22.3251, 11.3458, 8.4206



2.1192, 1.0714, 1.0514

Previews

White Background



This preview shows how the XYZ color 56.8494, 60.0961, 98.2260 looks on a white background.

Color Contrast Check

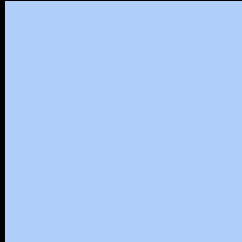
Large Text (above 18pt) WCAG AA × Fail

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 56.8494, 60.0961, 98.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

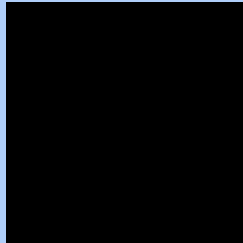
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

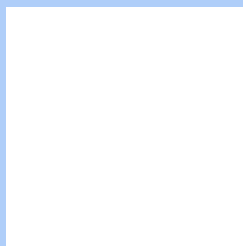
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8494, 60.0961, 98.2260

Background



This preview shows how black text looks on a background with the XYZ color 56.8494, 60.0961, 98.2260.



This preview shows how white text looks on a background with the XYZ color 56.8494, 60.0961,

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

56.8494, 60.0961, 98.2260

Protanopia

59.5135, 59.7646, 95.5878

Deuteranopia

61.2319, 59.8911, 98.7753



Tritanopia

53.4893, 60.1853, 81.4708

Trichromacy



Original Color

56.8494, 60.0961, 98.2260

Protanomaly

58.3941, 59.8664, 96.4734

Deuteranomaly

59.6111, 60.0903, 98.8992

Tritanomaly

54.8091, 60.3697, 87.3610

Monochromacy



Original Color

56.8494, 60.0961, 98.2260

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8803, 59.0328, 75.4671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8494, 60.0961, 98.2260 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, 206, 249)` looks like.

```
.text, #text, p{  
    color:rgb(175, 206, 249)  
}
```

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, 206, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 206, 249) }
```

Border

The CSS property to change the border of an element to XYZ 56.8494, 60.0961, 98.2260 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, 206, 249) }
```


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

```
.border{ border-color:rgb(175, 206, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 206, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 206, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 206, 249); box-shadow:4px 4px 4px 4px rgb(175, 206, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8494, 60.0961, 98.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 206, 249) }
```

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

```
.background{ background-color: rgb(175,  
206, 249) }
```

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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