

Converting Colors

XYZ(56.8482, 60.3829, 89.1602)

Have a look what the booklet for
XYZ(56.8482, 60.3829, 89.1602)
contains.

XYZ(56.6488, 60.2021, 88.7552)	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(56.6488, 60.2021,
88.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CEED
RGB	182, 206, 237
RGB Percent	71%, 81%, 93%
CMY	0.2863, 0.1921, 0.0706
CMYK	0.23, 0.13, 0.00, 0.07
HSL	214°, 60%, 82%
HSV	214°, 23%, 93%
XYZ	56.6488, 60.2021, 88.7552
YIQ	202.3580, -24.2550, 4.5530

Conversions

Conversions Part 2

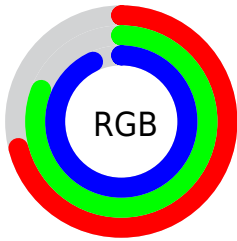
Format	Color
R_{YB}	182, 199, 237
Decimal	11980525
CIE _{Lab}	81.95, -1.41, -17.95
CIE _{LCh}	82, 18.007, 265.508
Yxy	60.2021, 0.2755, 0.2928
Android (android.graphics.Color)	4290170605 (0xFFB6CEED)
YUV	202.3580, 17.0785, -17.8540
Hunter-Lab	77.5900, -5.4589, -13.5088

Details

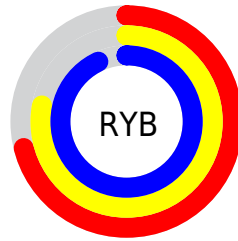
The XYZ color **56.6488, 60.2021, 88.7552** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1636, 68.9708, 54.0304**, and the grayscale version is **56.2715, 59.2020, 64.4710**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.4708, 30.3819, 48.0798** is the 20% darker color. If you saturate the color by 10%, you get **48.4384, 51.3982, 87.4896**, and if you desaturate by 10%, it is **66.0834, 70.0458, 90.1590**.

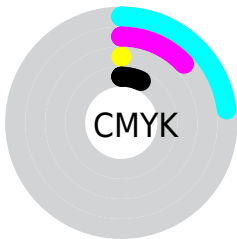
Distribution



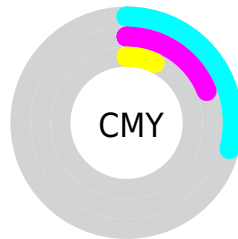
- Red (71%)
- Green (81%)
- Blue (93%)



- Red (71%)
- Yellow (78%)
- Blue (93%)



- Cyan (23%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (29%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6488, 60.2021, 88.7552 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 56.6488, 60.2021, 88.7552 by changing the saturation by 10% instead.

■ 56.6488, 60.2021,
88.7552

■ 56.6488, 60.2021,
88.7552

402.1675,
425.3423, 544.4385

■ 40.9624, 43.5816,
66.3808

■ 99.0869, 105.1228,
147.5285

■ 28.4772, 30.3417,
48.1232

126.5693,
134.1917, 184.7644

■ 18.8280, 20.0981,
33.5637

158.7143,
168.1789, 227.7913

■ 11.6493, 12.4664,
22.2840

195.8874,
207.4687, 277.0276

■ 6.5759, 7.0621,
13.8654

238.4540,
252.4456, 332.8920

■ 3.2422, 3.5010,
7.8894

286.7792,

■ 1.2831, 1.3985,

303.4938, 395.8029

3.9375

341.2286,
360.9980, 466.1788

■ 0.1705, 0.2156,
1.5911

■ 0.0000, 0.0000,
0.2845

■ 56.6488, 60.2021,
88.7552

■ 56.6488, 60.2021,
88.7552

■ 48.4384, 51.3982,
87.4896

■ 66.0834, 70.0458,
90.1590

■ 41.3922, 43.5888,
86.3536

■ 76.7876, 80.9578,
91.7010

■ 35.4534, 36.7353,
85.3438

■ 88.8109, 92.9746,
93.3868

■ 30.5573, 30.7938,
84.4550

■ 92.2862, 98.8945,
94.3463

■ 26.6324, 25.7160,
83.6817

■ 23.5965, 21.4474,
83.0178

■ 21.3514, 17.9250,
82.4563

■ 20.1791, 15.9001,
82.1272

Harmonies

Analogous

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



53.1734, 60.2021, 84.3959



56.6488, 60.2021, 88.7552



60.4316, 60.2021, 86.3544

Triad

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



56.6488, 60.2021, 88.7552



64.0859, 60.2021, 56.9281



51.3953, 60.2021, 54.3781

Complementary

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



56.6488, 60.2021, 88.7552



67.1636, 68.9708, 54.0304

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.



54.1248, 60.2021, 48.3878



56.6488, 60.2021, 88.7552



61.4674, 60.2021, 49.7416

Square

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



56.6488, 60.2021, 88.7552



64.8343, 60.2021, 67.2058



57.7956, 60.2021, 46.7889



50.2270, 60.2021, 63.9213

Rectangle

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



56.6488, 60.2021, 88.7552



62.6038, 60.2021, 81.3704



57.7956, 60.2021, 46.7889



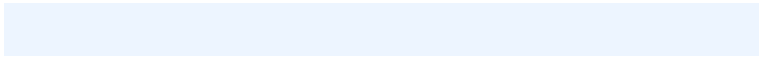
52.1546, 60.2021, 51.9255

Sweetspot

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



56.6507, 60.2045, 88.7566



85.6593, 90.5187, 107.5649



61.4922, 75.2808, 73.7438



18.1690, 19.2062, 22.9995



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.



56.6507, 60.2045, 88.7566



61.9605, 65.8391, 104.0503



51.9628, 49.8552, 87.0060



14.7720, 15.6304, 19.1607



11.1423, 8.9316, 44.8797



0.9691, 0.8897, 3.5555

Inverse Universe

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



62.7951, 55.9183, 65.8788



70.5323, 60.2689, 72.0432



72.7426, 81.4816, 56.1512



15.3385, 15.1632, 17.0677



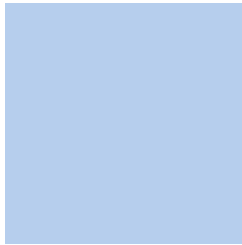
20.4794, 10.3945, 8.3259



1.6557, 0.8352, 0.9041

Previews

White Background



This preview shows how the XYZ color 56.6488, 60.2021, 88.7552 looks on a white background.

Color Contrast Check

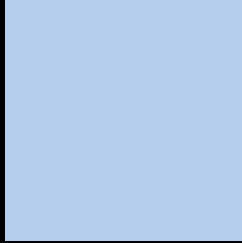
Large Text (above 18pt) WCAG AA × Fail

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 56.6488, 60.2021, 88.7552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

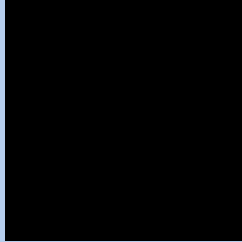
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

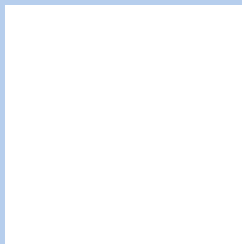
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6488, 60.2021, 88.7552

Background



This preview shows how black text looks on a background with the XYZ color 56.6488, 60.2021, 88.7552.



This preview shows how white text looks on a background with the XYZ color 56.6488, 60.2021,

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

56.6488, 60.2021, 88.7552

Protanopia

59.2605, 60.1873, 86.3359

Deuteranopia

61.4570, 60.2007, 90.0421



Tritanopia

54.9689, 60.2513, 79.9667

Trichromacy



Original Color

56.6488, 60.2021, 88.7552

Protanomaly

58.0896, 59.9165, 87.1007

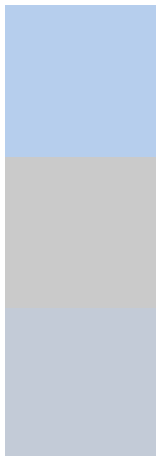
Deuteranomaly

59.5791, 60.2844, 89.3848

Tritanomaly

55.5117, 60.1065, 82.8047

Monochromacy



Original Color

56.6488, 60.2021, 88.7552

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1274, 59.2203, 72.7624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6488, 60.2021, 88.7552 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(182, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 237)  
}
```

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(182, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.6488, 60.2021, 88.7552 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(182, 206, 237) }
```


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

```
.border{ border-color:rgb(182, 206, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 237);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6488, 60.2021, 88.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 237) }
```

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

```
.background{ background-color: rgb(182,  
206, 237) }
```

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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