

Converting Colors

XYZ(56.1335, 60.5441, 75.2627)

Have a look what the booklet for
XYZ(56.1335, 60.5441, 75.2627)
contains.

XYZ(56.2029, 60.6348, 75.0711)	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(56.2029, 60.6348,
75.0711)**

Conversions

Conversions Part 1

Format	Color
Hex	BECFDA
RGB	190, 207, 218
RGB Percent	75%, 81%, 85%
CMY	0.2549, 0.1882, 0.1451
CMYK	0.13, 0.05, 0.00, 0.15
HSL	204°, 27%, 80%
HSV	204°, 13%, 85%
XYZ	56.2029, 60.6348, 75.0711
YIQ	203.1710, -13.6630, -0.1830

Conversions

Conversions Part 2

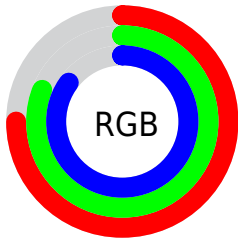
Format	Color
R_{YB}	190, 201, 218
Decimal	12505050
CIE _{Lab}	82.18, -3.53, -7.41
CIE _{LCh}	82, 8.203, 244.540
Yxy	60.6348, 0.2929, 0.3160
Android (android.graphics.Color)	4290695130 (0xFFBECFDA)
YUV	203.1710, 7.3107, -11.5510
Hunter-Lab	77.8684, -7.4340, -2.6523

Details

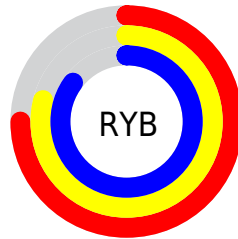
The XYZ color **56.2029, 60.6348, 75.0711** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0946, 60.3960, 57.2592**, and the grayscale version is **56.8353, 59.7951, 65.1169**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **28.1554, 30.6610, 39.0846** is the 20% darker color. If you saturate the color by 10%, you get **49.1419, 53.9999, 74.1636**, and if you desaturate by 10%, it is **64.1943, 67.9196, 76.0570**.

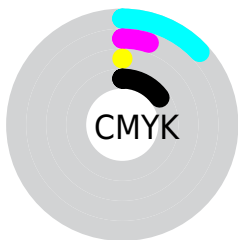
Distribution



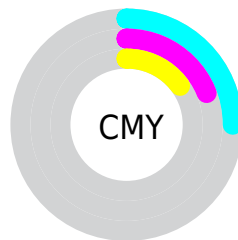
- Red (75%)
- Green (81%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2029, 60.6348, 75.0711 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 56.2029, 60.6348, 75.0711 by changing the saturation by 10% instead.

■ 56.2029, 60.6348,
75.0711

■ 56.2029, 60.6348,
75.0711

400.5183,
426.9337, 497.4239

■ 40.6033, 43.9305,
55.1691

■ 98.4393, 105.7500,
128.1610

■ 28.1955, 30.6159,
39.1376

125.8067,
134.9296, 162.1860

■ 18.6143, 20.3065,
26.5581

157.8275,
169.0366, 201.7557

■ 11.4943, 12.6181,
17.0121

194.8669,
208.4551, 247.2886

■ 6.4700, 7.1661,
10.0811

237.2903,
253.5697, 299.2034

■ 3.1763, 3.5662,
5.3465

285.4631,

■ 1.2477, 1.4340,

304.7648, 357.9185

2.3897

339.7507,
362.4246, 423.8524

■ 0.1435, 0.2416,
0.7808

■ 0.0000, 0.0000,
0.0000

■ 56.2029, 60.6348,
75.0711

■ 56.2029, 60.6348,
75.0711

■ 49.1419, 53.9999,
74.1636

■ 64.1943, 67.9196,
76.0570

■ 42.9683, 47.9852,
73.3280

■ 73.1464, 75.8675,
77.1192

■ 37.6433, 42.5697,
72.5633

■ 82.9464, 84.4246,
78.2544

■ 33.1229, 37.7280,
71.8670

■ 85.4251, 89.3820,
79.0806

■ 29.3590, 33.4323,
71.2363

■ 88.0229, 94.5777,
79.9466

■ 26.2977, 29.6521,
70.6680

■ 89.6551, 97.8420,
80.4907

■ 23.8773, 26.3525,
70.1587

■ 22.0238, 23.4923,
69.7043

■ 20.9583, 21.6685,
69.4084

Harmonies

Analogous

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



54.9149, 60.6348, 71.6134



56.2029, 60.6348, 75.0711



57.8972, 60.6348, 76.0580

Triad

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



56.2029, 60.6348, 75.0711



61.0372, 60.6348, 65.2643



55.7523, 60.6348, 58.4265

Complementary

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



56.2029, 60.6348, 75.0711



59.0946, 60.3960, 57.2592

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.



57.3667, 60.6348, 56.9083



56.2029, 60.6348, 75.0711



60.4364, 60.6348, 60.7275

Square

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



56.2029, 60.6348, 75.0711



60.7105, 60.6348, 70.2334



59.0842, 60.6348, 57.7291



54.6585, 60.6348, 61.9805

Rectangle

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



56.2029, 60.6348, 75.0711



59.0346, 60.6348, 75.1421



59.0842, 60.6348, 57.7291



56.2509, 60.6348, 57.6695

Sweetspot

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



56.2047, 60.6373, 75.0725



90.1318, 95.5871, 108.3075



56.8189, 65.2955, 64.7036



19.0993, 20.2856, 23.1588



0.0000, 0.0000, 0.0000



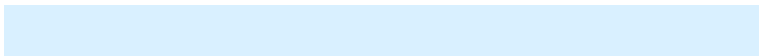
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2047, 60.6373, 75.0725



77.7445, 84.2404, 106.7702



53.0201, 54.2681, 74.0109



12.9933, 13.9264, 16.6554



12.6636, 13.1967, 41.6182



0.9034, 1.0210, 2.7239

Inverse Universe

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



58.5907, 56.2385, 66.8016



81.7133, 77.0469, 92.9854



62.4412, 67.0893, 58.3747



13.3865, 13.1837, 15.2965



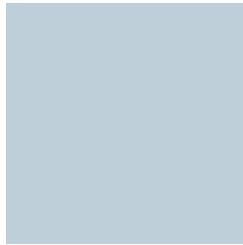
19.8873, 9.9560, 14.3186



1.3303, 0.6618, 1.1483

Previews

White Background



This preview shows how the XYZ color 56.2029, 60.6348, 75.0711 looks on a white background.

Color Contrast Check

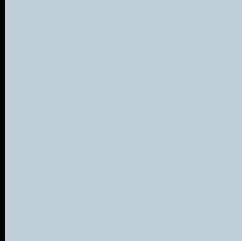
Large Text (above 18pt) WCAG AA × Fail

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 56.2029, 60.6348, 75.0711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

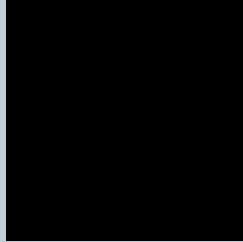
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

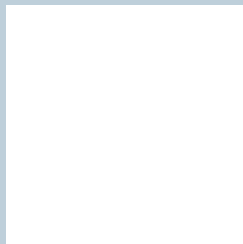
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2029, 60.6348, 75.0711

Background



This preview shows how black text looks on a background with the XYZ color 56.2029, 60.6348, 75.0711.

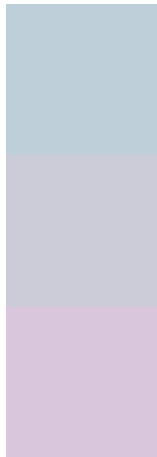


This preview shows how white text looks on a background with the XYZ color 56.2029, 60.6348,

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

56.2029, 60.6348, 75.0711

Protanopia

58.6524, 60.5071, 73.5535

Deuteranopia

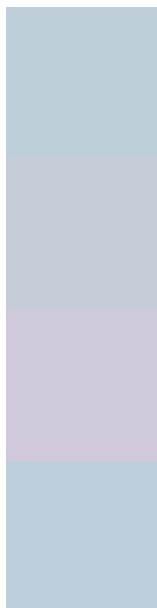
61.7276, 60.3072, 76.0972



Tritanopia

56.8764, 60.5467, 78.5010

Trichromacy



Original Color

56.2029, 60.6348, 75.0711

Protanomaly

57.6704, 60.3376, 74.2524

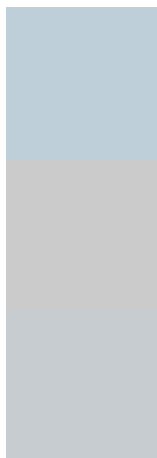
Deuteranomaly

59.4050, 60.1532, 75.4976

Tritanomaly

56.6083, 60.4394, 77.0890

Monochromacy



Original Color

56.2029, 60.6348, 75.0711

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2667, 59.7456, 68.2410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2029, 60.6348, 75.0711 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(190, 207, 218) looks like.

```
.text, #text, p{  
    color:rgb(190, 207, 218)  
}
```

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(190, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 218) }
```

Border

The CSS property to change the border of an element to XYZ 56.2029, 60.6348, 75.0711 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(190, 207, 218) }
```


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

```
.border{ border-color:rgb(190, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2029, 60.6348, 75.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 218) }
```

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

```
.background{ background-color: rgb(190,  
207, 218) }
```

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