

Converting Colors

XYZ(59.2135, 67.2124, 77.3277)

Have a look what the booklet for
XYZ(59.2135, 67.2124, 77.3277)
contains.

XYZ(59.2505, 67.0451, 77.5283)	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(59.2505, 67.0451,
77.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCDC
RGB	188, 220, 220
RGB Percent	74%, 86%, 86%
CMY	0.2627, 0.1372, 0.1372
CMYK	0.15, 0.00, 0.00, 0.14
HSL	180°, 31%, 80%
HSV	180°, 15%, 86%
XYZ	59.2505, 67.0451, 77.5283
YIQ	210.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

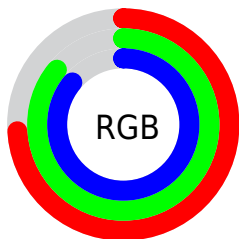
Format	Color
R_{YB}	188, 204, 220
Decimal	12377308
CIE _{Lab}	85.53, -10.49, -3.55
CIE _{LCh}	86, 11.074, 198.679
Yxy	67.0451, 0.2907, 0.3289
Android (android.graphics.Color)	4290567388 (0xFFBCDCDC)
YUV	210.4320, 4.7170, -19.6729
Hunter-Lab	81.8811, -14.1263, 1.1786

Details

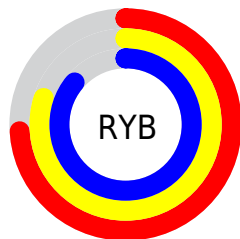
The XYZ color **59.2505, 67.0451, 77.5283** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5779, 54.8147, 55.1782**, and the grayscale version is **61.5230, 64.7269, 70.4876**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.0782, 34.6952, 40.7089** is the 20% darker color. If you saturate the color by 10%, you get **54.2388, 64.4633, 77.2936**, and if you desaturate by 10%, it is **65.0922, 70.0584, 77.8046**.

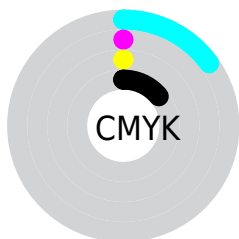
Distribution



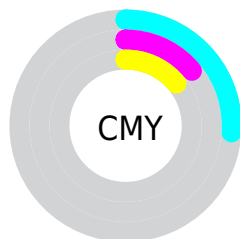
- Red (74%)
- Green (86%)
- Blue (86%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2505, 67.0451, 77.5283 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 59.2505, 67.0451, 77.5283 by changing the saturation by 10% instead.

■ 59.2505, 67.0451,
77.5283

■ 59.2505, 67.0451,
77.5283

411.7087,
450.1053, 506.0488

■ 43.0619, 49.1213,
57.1724

■ 102.8542,
114.9850, 131.6648

■ 30.1285, 34.7157,
40.7334

131.0001,
145.7699, 166.2825

■ 20.0847, 23.4440,
27.7927

163.8624,
181.6107, 206.4912

■ 12.5652, 14.9217,
17.9318

201.8066,
222.8916, 252.7094

■ 7.2048, 8.7644,
10.7321

245.1979,
269.9971, 305.3558

■ 3.6380, 4.5878,
5.7751

294.4019,

■ 1.4994, 2.0075,

323.3116, 364.8488

2.6422

349.7837,
383.2196, 431.6069

■ 0.3254, 0.6118,
0.9141

■ 0.0000, 0.0000,
0.0000

■ 59.2505, 67.0451,
77.5283

■ 59.2505, 67.0451,
77.5283

■ 54.2388, 64.4633,
77.2936

■ 65.0922, 70.0584,
77.8046

■ 50.0141, 62.2854,
77.0944

■ 71.7932, 73.5128,
78.1197

■ 46.5382, 60.4935,
76.9302

■ 79.3881, 77.4281,
78.4767

■ 43.7673, 59.0651,
76.7990

■ 79.7541, 77.6167,
78.4953

41.6533, 57.9754,
76.6986

79.7544, 77.6168,
78.4969

40.1420, 57.1963,
76.6263

79.7547, 77.6170,
78.4984

39.1705, 56.6955,
76.5793

79.7549, 77.6171,
78.4999

38.6622, 56.4335,
76.5540

79.7552, 77.6172,
78.5015

38.5104, 56.3553,
76.5461

79.7555, 77.6173,
78.5030

Harmonies

Analogous

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



59.0976, 67.0451, 70.3145



59.2505, 67.0451, 77.5283



60.5832, 67.0451, 83.9080

Triad

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



59.2505, 67.0451, 77.5283



67.4270, 67.0451, 82.5361



64.6788, 67.0451, 60.2409

Complementary

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



59.2505, 67.0451, 77.5283



56.5779, 54.8147, 55.1782

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.



66.9722, 67.0451, 63.0822



59.2505, 67.0451, 77.5283



68.5865, 67.0451, 75.7545

Square

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



59.2505, 67.0451, 77.5283



65.2862, 67.0451, 86.9279



68.4179, 67.0451, 68.6529



62.1876, 67.0451, 60.6467

Rectangle

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



59.2505, 67.0451, 77.5283



61.9815, 67.0451, 86.6826



68.4179, 67.0451, 68.6529



65.4995, 67.0451, 60.8400

Sweetspot

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



59.2524, 67.0479, 77.5298



91.3963, 98.1165, 108.7282



55.5429, 65.5793, 57.3087



19.4202, 20.9276, 23.2656



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.



59.2524, 67.0479, 77.5298



80.8599, 92.6848, 108.2323



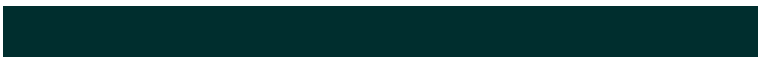
55.3791, 59.3005, 76.2408



13.4449, 14.8296, 16.8056



22.6003, 33.0727, 44.9221



1.4642, 2.1426, 2.9104

Inverse Universe

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



56.5779, 54.8147, 55.1782



76.5362, 72.9082, 72.0978



60.0610, 61.7815, 56.3375



13.0561, 13.0516, 13.5569



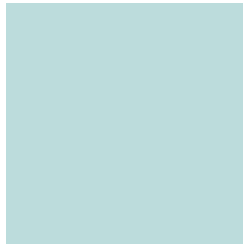
17.3223, 8.9299, 0.8112



1.1222, 0.5785, 0.0527

Previews

White Background



This preview shows how the XYZ color 59.2505, 67.0451, 77.5283 looks on a white background.

Color Contrast Check

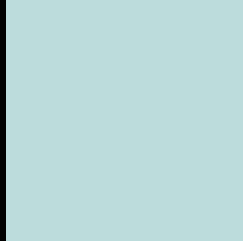
Large Text (above 18pt) WCAG AA × Fail

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 59.2505, 67.0451, 77.5283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

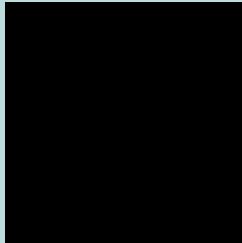
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2505, 67.0451, 77.5283

Background



This preview shows how black text looks on a background with the XYZ color 59.2505, 67.0451, 77.5283.

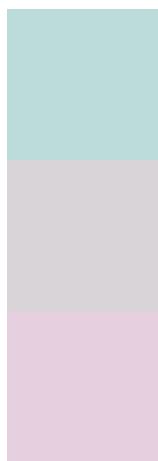


This preview shows how white text looks on a background with the XYZ color 59.2505, 67.0451,

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

59.2505, 67.0451, 77.5283

Protanopia

64.1281, 66.5922, 73.7636

Deuteranopia

68.2652, 66.7764, 79.1032



Tritanopia

61.5527, 67.2173, 88.3273

Trichromacy



Original Color

59.2505, 67.0451, 77.5283

Protanomaly

62.2784, 66.7324, 75.2439

Deuteranomaly

64.7526, 66.8080, 78.5896

Tritanomaly

60.8497, 67.3234, 84.6505

Monochromacy



Original Color

59.2505, 67.0451, 77.5283

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5413, 65.5047, 73.0711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2505, 67.0451, 77.5283 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(188, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 220)  
}
```

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(188, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 220) }
```

Border

The CSS property to change the border of an element to XYZ 59.2505, 67.0451, 77.5283 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(188, 220, 220) }
```


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

```
.border{ border-color:rgb(188, 220, 220) }
```

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

Here you see how a box with a 4 pixel rgb(188, 220, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2505, 67.0451, 77.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 220) }
```

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

```
.background{ background-color: rgb(188,  
220, 220) }
```

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