

Converting Colors

XYZ(59.7056, 73.6927, 67.5622)

Have a look what the booklet for
XYZ(59.7056, 73.6927, 67.5622)
contains.

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Color

**XYZ(59.7792, 73.6735,
67.5696)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EBCB
RGB	182, 235, 203
RGB Percent	71%, 92%, 80%
CMY	0.2863, 0.0784, 0.2039
CMYK	0.23, 0.00, 0.14, 0.08
HSL	144°, 57%, 82%
HSV	144°, 23%, 92%
XYZ	59.7792, 73.6735, 67.5696
YIQ	215.5050, -21.3160, -21.1880

Conversions

Conversions Part 2

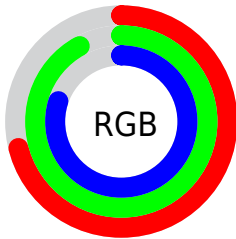
Format	Color
RYB	182, 220, 235
Decimal	11987915
CIELab	88.77, -23.19, 10.04
CIELCh	89, 25.275, 156.591
Yxy	73.6735, 0.2974, 0.3665
Android (android.graphics.Color)	4290177995 (0xFFB6EBCB)
YUV	215.5050, -6.1650, -29.3839
Hunter-Lab	85.8333, -25.8906, 13.4091

Details

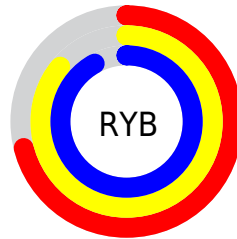
The XYZ color **59.7792, 73.6735, 67.5696** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.1290, 55.9749, 71.0984**, and the grayscale version is **64.9862, 68.3705, 74.4555**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.4470, 38.9993, 34.3567** is the 20% darker color. If you saturate the color by 10%, you get **53.0740, 70.4054, 58.8297**, and if you desaturate by 10%, it is **67.5746, 77.4898, 77.1716**.

Distribution



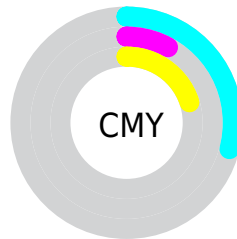
- Red (71%)
- Green (92%)
- Blue (80%)



- Red (71%)
- Yellow (86%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)




- Cyan (29%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7792, 73.6735, 67.5696 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 59.7792, 73.6735, 67.5696 by changing the saturation by 10% instead.


 59.7792, 73.6735,
67.5696

 59.7792, 73.6735,
67.5696


413.6312,
473.3457, 470.5262

 43.4895, 54.5269,
49.0832


 103.6175,
124.4329, 117.3846

 30.4655, 39.0230,
34.3194


131.8967,
156.8144, 149.5502

 20.3420, 26.7776,
22.8597


164.9032,
194.3763, 187.1127

 12.7536, 17.4063,
14.2856

203.0022,
237.5030, 230.4905

 7.3349, 10.5246,
8.1786

246.5592,
286.5789, 280.1022

 3.7206, 5.7481,
4.1200


295.9394,


 1.5453, 2.6925,


341.9884, 336.3664

1.6914


351.5083,
404.1159, 399.7015


 0.3564, 0.9734,
0.3548


 0.0000, 0.0000,
0.0000


 59.7792, 73.6735,
67.5696


 59.7792, 73.6735,
67.5696

 53.0740, 70.4054,
58.8297


 67.5746, 77.4898,
77.1716

 47.4024, 67.6507,
50.9230

 76.5013, 81.8689,
87.6538

 42.7115, 65.3847,
43.8262

 86.6057, 86.8364,
99.0398

 38.9415, 63.5770,
37.5129

 88.9997, 87.8994,
106.8832

■ 36.0253, 62.1936,
31.9552

■ 33.8861, 61.1956,
27.1235

■ 32.4321, 60.5361,
22.9857

■ 31.6904, 60.2117,
20.3333

Harmonies

Analogous

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



63.2469, 73.6735, 56.1049



59.7792, 73.6735, 67.5696



58.9818, 73.6735, 84.1452

Triad

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



59.7792, 73.6735, 67.5696



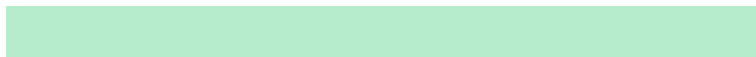
71.3827, 73.6735, 118.5337



79.8955, 73.6735, 61.7731

Complementary

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



59.7792, 73.6735, 67.5696



63.1290, 55.9749, 71.0984

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.



82.3659, 73.6735, 76.4147



59.7792, 73.6735, 67.5696



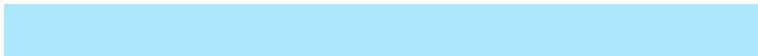
77.2696, 73.6735, 110.4059

Square

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



59.7792, 73.6735, 67.5696



65.4563, 73.6735, 115.2574



81.3781, 73.6735, 94.3537



74.8004, 73.6735, 53.1144

Rectangle

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



59.7792, 73.6735, 67.5696



60.0278, 73.6735, 96.2543



81.3781, 73.6735, 94.3537



81.0735, 73.6735, 66.0696

Sweetspot

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



59.7812, 73.6766, 67.5712



87.0981, 96.0955, 99.7227



66.0859, 77.1966, 55.6742



18.5028, 20.4998, 21.1807



0.0000, 0.0000, 0.0000



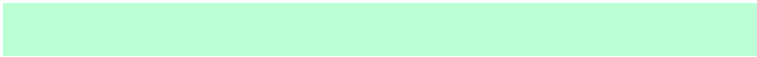
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7812, 73.6766, 67.5712



68.1109, 86.8038, 76.4015



63.1194, 75.0119, 85.1498



15.1155, 16.9610, 17.2911



17.6950, 33.5325, 11.6251



1.4357, 2.6516, 1.1562

Inverse Universe

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



63.1290, 55.9749, 71.0984



72.7954, 62.0270, 81.3318



60.0879, 54.7584, 55.0843



15.4474, 15.2068, 17.6415



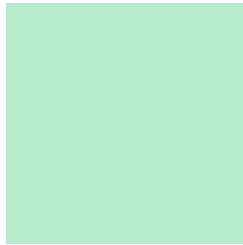
21.8452, 10.9408, 15.5181



1.7625, 0.8780, 1.4669

Previews

White Background



This preview shows how the XYZ color 59.7792, 73.6735, 67.5696 looks on a white background.

Color Contrast Check

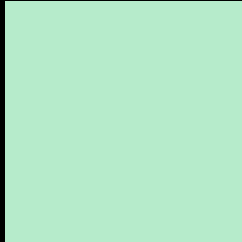
Large Text (above 18pt) WCAG AA × Fail

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 59.7792, 73.6735, 67.5696 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

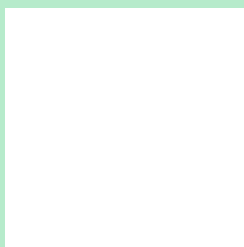
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7792, 73.6735, 67.5696

Background



This preview shows how black text looks on a background with the XYZ color 59.7792, 73.6735, 67.5696.

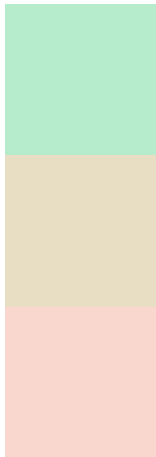


This preview shows how white text looks on a background with the XYZ color 59.7792, 73.6735,

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

59.7792, 73.6735, 67.5696

Protanopia

69.3638, 73.3839, 62.7332

Deuteranopia

74.6298, 73.2456, 69.2359



Tritanopia

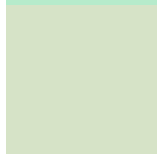
66.0430, 73.7012, 98.7406

Trichromacy



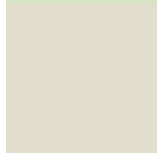
Original Color

59.7792, 73.6735, 67.5696



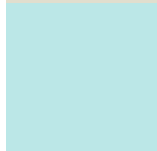
Protanomaly

65.5094, 73.3578, 64.7396



Deuteranomaly

68.3132, 72.7063, 68.8258



Tritanomaly

63.4932, 73.4861, 86.4391

Monochromacy



Original Color

59.7792, 73.6735, 67.5696



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.0474, 70.3159, 71.8774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7792, 73.6735, 67.5696 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, 235, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 235, 203)  
}
```

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, 235, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 235, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.7792, 73.6735, 67.5696 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, 235, 203) }
```


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

```
.border{ border-color:rgb(182, 235, 203) }
```

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

Here you see how a box with a 4 pixel rgb(182, 235, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 235, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 235, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 235,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7792, 73.6735, 67.5696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 235, 203) }
```

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

```
.background{ background-color: rgb(182,  
235, 203) }
```

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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