

Converting Colors

XYZ(59.6186, 68.6001, 77.9834)

Have a look what the booklet for
XYZ(59.6186, 68.6001, 77.9834)
contains.

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Color

**XYZ(59.5556, 68.3818,
77.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	BADFDC
RGB	186, 223, 220
RGB Percent	73%, 87%, 86%
CMY	0.2706, 0.1255, 0.1372
CMYK	0.17, 0.00, 0.01, 0.13
HSL	175°, 37%, 80%
HSV	175°, 17%, 87%
XYZ	59.5556, 68.3818, 77.7702
YIQ	211.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

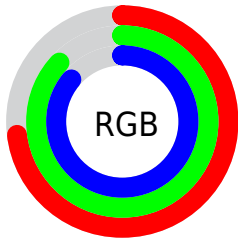
Format	Color
R _{YB}	186, 205, 223
Decimal	12247004
CIE Lab	86.20, -12.65, -2.58
CIE LCh	86, 12.908, 191.514
Yxy	68.3818, 0.2895, 0.3324
Android (android.graphics.Color)	4290437084 (0xFFBADFDC)
YUV	211.5950, 4.1437, -22.4468
Hunter-Lab	82.6933, -16.1578, 2.1251

Details

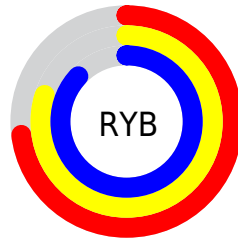
The XYZ color **59.5556, 68.3818, 77.7702** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1781, 54.4817, 55.6494**, and the grayscale version is **62.2955, 65.5397, 71.3728**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.3099, 35.6274, 40.8766** is the 20% darker color. If you saturate the color by 10%, you get **54.3172, 65.7107, 76.2818**, and if you desaturate by 10%, it is **65.6460, 71.4955, 79.3149**.

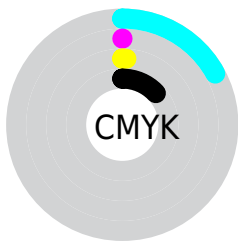
Distribution



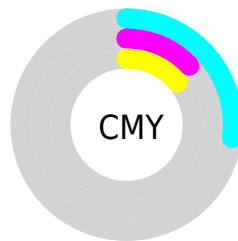
- Red (73%)
- Green (87%)
- Blue (86%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5556, 68.3818, 77.7702 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 59.5556, 68.3818, 77.7702 by changing the saturation by 10% instead.

■ 59.5556, 68.3818,
77.7702

■ 59.5556, 68.3818,
77.7702

412.8188,
454.8476, 506.8933

■ 43.3086, 50.2084,
57.3699

■ 103.2948,
116.8982, 132.0090

■ 30.3229, 35.5790,
40.8910

131.5177,
148.0099, 166.6847

■ 20.2331, 24.1092,
27.9148

164.4632,
184.2033, 206.9558

■ 12.6739, 15.4147,
18.0230

202.4968,
225.8626, 253.2410

■ 7.2798, 9.1109,
10.7969

245.9839,
273.3723, 305.9588

■ 3.6856, 4.8136,
5.8180

295.2896,

■ 1.5258, 2.1383,

327.1168, 365.5278

2.6677

350.7795,
387.4804, 432.3664

■ 0.3433, 0.6860,
0.9271

■ 0.0000, 0.0000,
0.0000

■ 59.5556, 68.3818,
77.7702

■ 59.5556, 68.3818,
77.7702

■ 54.3172, 65.7107,
76.2818

■ 65.6460, 71.4955,
79.3149

■ 49.8858, 63.4535,
74.8432


■ 72.6191, 75.0621,
80.9131


■ 46.2212, 61.5913,
73.4539


■ 80.5113, 79.1022,
82.5680


■ 43.2774, 60.1003,
72.1118


■ 81.5274, 79.5973,
83.9147


 41.0034, 58.9544,
70.8145

 81.7790, 79.6979,
85.2394

 39.3416, 58.1237,
69.5591


 82.0332, 79.7996,
86.5779


 38.2245, 57.5736,
68.3425

 82.2900, 79.9023,
87.9304

 37.5666, 57.2600,
67.1606

 82.5495, 80.0061,
89.2969

 37.3969, 57.1811,
66.7635

 82.8117, 80.1110,
90.6773

Harmonies

Analogous

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



59.7254, 68.3818, 69.3874



59.5556, 68.3818, 77.7702



60.8098, 68.3818, 85.8365

Triad

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



59.5556, 68.3818, 77.7702



68.8557, 68.3818, 87.3930



66.8233, 68.3818, 59.9908

Complementary

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



59.5556, 68.3818, 77.7702



57.1781, 54.4817, 55.6494

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.



69.3676, 68.3818, 64.1289



59.5556, 68.3818, 77.7702



70.5654, 68.3818, 79.7659

Square

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



59.5556, 68.3818, 77.7702



66.1419, 68.3818, 91.6682



70.7556, 68.3818, 71.2376



63.8611, 68.3818, 59.5460

Rectangle

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



59.5556, 68.3818, 77.7702



62.3077, 68.3818, 89.7838



70.7556, 68.3818, 71.2376



67.7581, 68.3818, 60.9805

Sweetspot

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



59.5576, 68.3846, 77.7717



90.3476, 97.5950, 107.8126



56.2595, 67.1529, 56.4520



19.2019, 20.8197, 23.0439



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.



59.5576, 68.3846, 77.7717



78.0525, 91.3136, 104.6632



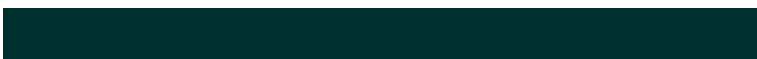
56.0254, 60.6779, 78.5746



14.0661, 15.5522, 17.3831



22.0078, 33.6280, 39.3594



1.5399, 2.3367, 2.8041

Inverse Universe

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



57.1781, 54.4817, 55.6494



74.2352, 69.0067, 69.1714



60.2806, 61.2032, 55.0917



13.7522, 13.7185, 14.4651



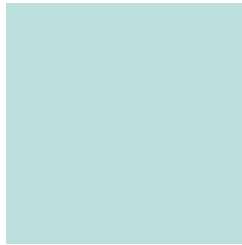
17.9744, 9.2568, 1.2649



1.2618, 0.6480, 0.1715

Previews

White Background



This preview shows how the XYZ color 59.5556, 68.3818, 77.7702 looks on a white background.

Color Contrast Check

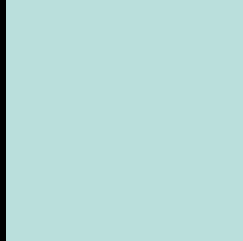
Large Text (above 18pt) WCAG AA × Fail

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 59.5556, 68.3818, 77.7702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

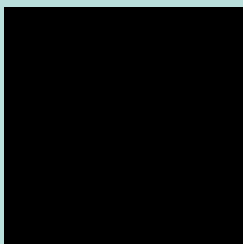
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

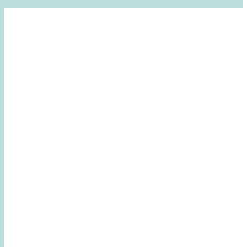
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5556, 68.3818, 77.7702

Background



This preview shows how black text looks on a background with the XYZ color 59.5556, 68.3818, 77.7702.

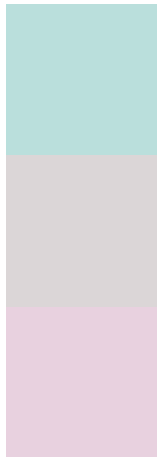


This preview shows how white text looks on a background with the XYZ color 59.5556, 68.3818,

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

59.5556, 68.3818, 77.7702

Protanopia

65.5257, 68.0595, 73.9732

Deuteranopia

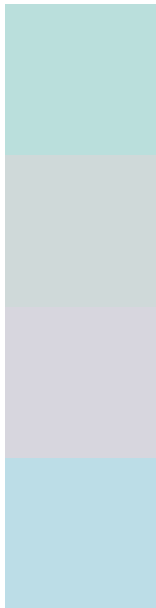
69.3985, 68.0844, 79.2960



Tritanopia

62.0121, 68.1783, 90.7803

Trichromacy



Original Color

59.5556, 68.3818, 77.7702

Protanomaly

63.0694, 67.9009, 75.4277

Deuteranomaly

65.2557, 67.8141, 78.7573

Tritanomaly

61.0193, 68.1738, 85.5441

Monochromacy



Original Color

59.5556, 68.3818, 77.7702

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4502, 66.7145, 73.9284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5556, 68.3818, 77.7702 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(186, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 223, 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(186, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 59.5556, 68.3818, 77.7702 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(186, 223, 220) }
```


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

```
.border{ border-color:rgb(186, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 223, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 223, 220); box-shadow:4px 4px 4px 4px rgb(186, 223, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5556, 68.3818, 77.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 223, 220) }
```

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

```
.background{ background-color: rgb(186,  
223, 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](#).

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