

Converting Colors

XYZ(50.1940, 55.5699, 67.4488)

Have a look what the booklet for
XYZ(50.1940, 55.5699, 67.4488)
contains.

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Color

**XYZ(50.1763, 55.5575,
67.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	B0C9D0
RGB	176, 201, 208
RGB Percent	69%, 79%, 82%
CMY	0.3098, 0.2117, 0.1843
CMYK	0.15, 0.03, 0.00, 0.18
HSL	193°, 25%, 75%
HSV	193°, 15%, 82%
XYZ	50.1763, 55.5575, 67.7536
YIQ	194.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

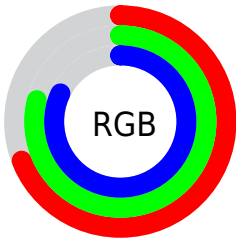
Format	Color
R _Y B	176, 190, 208
Decimal	11586000
CIE Lab	79.36, -6.94, -6.33
CIE LCh	79, 9.393, 222.378
Yxy	55.5575, 0.2892, 0.3202
Android (android.graphics.Color)	4289776080 (0xFFB0C9D0)
YUV	194.3230, 6.7428, -16.0693
Hunter-Lab	74.5369, -10.2780, -1.7184

Details

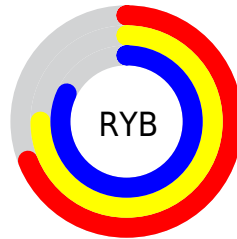
The XYZ color **50.1763, 55.5575, 67.7536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7827, 50.4112, 48.1291**, and the grayscale version is **51.4394, 54.1182, 58.9347**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **24.4348, 27.4115, 34.5749** is the 20% darker color. If you saturate the color by 10%, you get **44.7847, 51.2287, 67.2031**, and if you desaturate by 10%, it is **56.3232, 60.3252, 68.3508**.

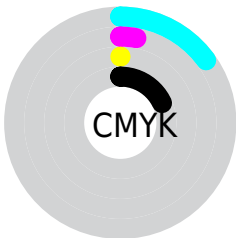
Distribution



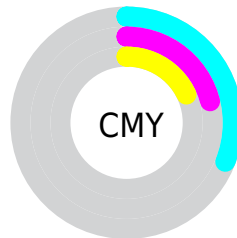
- Red (69%)
- Green (79%)
- Blue (82%)



- Red (69%)
- Yellow (75%)
- Blue (82%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1763, 55.5575, 67.7536 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 50.1763, 55.5575, 67.7536 by changing the saturation by 10% instead.

■ 50.1763, 55.5575,
67.7536

■ 50.1763, 55.5575,
67.7536

377.7956,
408.0218, 471.1968

■ 35.7719, 39.8483,
49.2319

■ 89.6263, 98.3573,
117.6505

■ 24.4274, 27.4202,
34.4365

115.4026,
126.2166, 149.8627

■ 15.7774, 17.8891,
22.9491

145.7002,
158.8948, 187.4754

■ 9.4566, 10.8704,
14.3510

180.8845,
196.7762, 230.9073

■ 5.0997, 5.9797,
8.2236

221.3208,
240.2452, 280.5769

■ 2.3412, 2.8328,
4.1486

267.3745,

■ 0.8156, 1.0451,

289.6862, 336.9026

1.7072

319.4110,
345.4836, 400.3031

■ 0.0000, 0.0000,
0.3657

■ 0.0000, 0.0000,
0.0000

■ 50.1763, 55.5575,
67.7536

■ 50.1763, 55.5575,
67.7536

■ 44.7847, 51.2287,
67.2031

■ 56.3232, 60.3252,
68.3508

■ 40.1105, 47.3145,
66.6940

■ 63.2514, 65.5412,
68.9924

■ 36.1198, 43.7985,
66.2256

■ 70.9915, 71.2232,
69.6812

■ 32.7742, 40.6604,
65.7962

■ 78.0083, 76.5800,
70.3453

■ 30.0308, 37.8778,
65.4037

■ 79.2125, 78.9885,
70.7467

■ 27.8419, 35.4255,
65.0458

■ 80.4495, 81.4624,
71.1591

■ 26.1517, 33.2745,
64.7197

■ 81.7193, 84.0021,
71.5823

■ 24.8921, 31.3893,
64.4222

■ 83.0224, 86.6082,
72.0167

■ 24.3975, 30.5784,
64.2917

■ 84.3589, 89.2812,
72.4622

Harmonies

Analogous

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



49.3480, 55.5575, 62.7426



50.1763, 55.5575, 67.7536



51.7173, 55.5575, 70.9221

Triad

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



50.1763, 55.5575, 67.7536



56.3318, 55.5575, 63.6860



52.0335, 55.5575, 50.9202

Complementary

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



50.1763, 55.5575, 67.7536



50.7827, 50.4112, 48.1291

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.



53.9093, 55.5575, 51.1393



50.1763, 55.5575, 67.7536



56.4214, 55.5575, 58.2972

Square

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



50.1763, 55.5575, 67.7536



55.2837, 55.5575, 68.4795



55.5255, 55.5575, 53.7700



50.4030, 55.5575, 53.1523

Rectangle

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



50.1763, 55.5575, 67.7536



52.9561, 55.5575, 71.4545



55.5255, 55.5575, 53.7700



52.6557, 55.5575, 50.7135

Sweetspot

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



50.1779, 55.5598, 67.7548



89.6309, 95.8956, 108.3934



49.0016, 57.7589, 53.3303



19.0272, 20.4053, 23.1857



0.0000, 0.0000, 0.0000



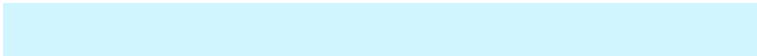
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1779, 55.5598, 67.7548



77.0142, 86.0727, 107.1624



46.6535, 48.5110, 66.5800



11.9299, 12.9501, 15.1145



15.2795, 19.2055, 40.0942



0.9100, 1.1852, 2.2604

Inverse Universe

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



52.0816, 48.6787, 61.9120



80.5409, 73.5004, 96.2991



54.2579, 57.3616, 49.2875



12.1955, 11.9629, 14.3054



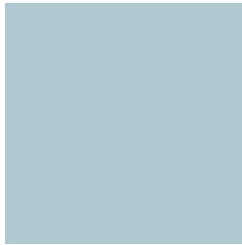
20.3431, 10.0101, 22.5107



1.1656, 0.5709, 1.4066

Previews

White Background



This preview shows how the XYZ color 50.1763, 55.5575, 67.7536 looks on a white background.

Color Contrast Check

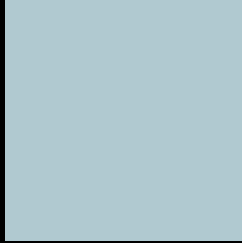
Large Text (above 18pt) WCAG AA × Fail

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 50.1763, 55.5575, 67.7536 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 50.1763, 55.5575, 67.7536

Background



This preview shows how black text looks on a background with the XYZ color 50.1763, 55.5575, 67.7536.



This preview shows how white text looks on a background with the XYZ color 50.1763, 55.5575,

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

50.1763, 55.5575, 67.7536

Protanopia

53.4401, 55.2602, 64.9764

Deuteranopia

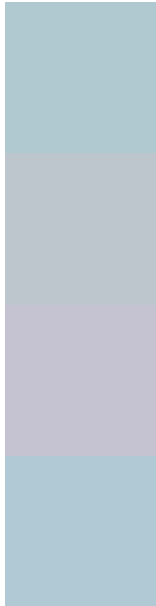
56.5582, 55.4701, 68.6986



Tritanopia

51.1804, 55.6135, 73.0027

Trichromacy



Original Color

50.1763, 55.5575, 67.7536

Protanomaly

51.9720, 55.1591, 65.6652

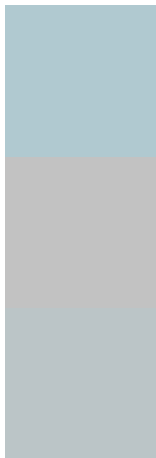
Deuteranomaly

54.0497, 55.5040, 68.1862

Tritanomaly

50.7960, 55.4598, 70.9784

Monochromacy



Original Color

50.1763, 55.5575, 67.7536

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7686, 54.6208, 61.8999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1763, 55.5575, 67.7536 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(176, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 208)  
}
```

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(176, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.1763, 55.5575, 67.7536 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(176, 201, 208) }
```


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

```
.border{ border-color:rgb(176, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1763, 55.5575, 67.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 208) }
```

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

```
.background{ background-color: rgb(176,  
201, 208) }
```

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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