

Converting Colors

XYZ(51.8547, 56.6831, 62.6830)

Have a look what the booklet for
XYZ(51.8547, 56.6831, 62.6830)
contains.

XYZ(51.8055, 56.5082, 62.8203)	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(51.8055, 56.5082,
62.8203)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC9C8
RGB	187, 201, 200
RGB Percent	73%, 79%, 78%
CMY	0.2667, 0.2117, 0.2157
CMYK	0.07, 0.00, 0.00, 0.21
HSL	176°, 11%, 76%
HSV	176°, 7%, 79%
XYZ	51.8055, 56.5082, 62.8203
YIQ	196.7000, -8.0230, -3.2790

Conversions

Conversions Part 2

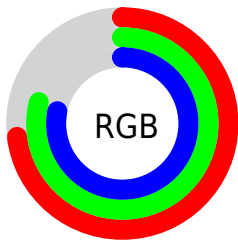
Format	Color
RYB	187, 194, 201
Decimal	12306888
CIELab	79.90, -4.94, -1.15
CIELCh	80, 5.075, 193.094
Yxy	56.5082, 0.3027, 0.3302
Android (android.graphics.Color)	4290496968 (0xFFBBC9C8)
YUV	196.7000, 1.6269, -8.5069
Hunter-Lab	75.1719, -8.5358, 3.0724




Details

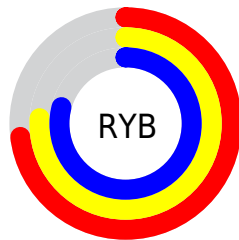
The XYZ color **51.8055, 56.5082, 62.8203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9369, 51.5905, 54.8530**, and the grayscale version is **52.8853, 55.6395, 60.5914**.




A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **25.4535, 28.0111, 31.2593** is the 20% darker color. If you saturate the color by 10%, you get **47.0611, 54.0833, 61.7250**, and if you desaturate by 10%, it is **57.2430, 59.2933, 63.9586**.

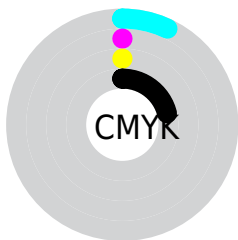
Distribution







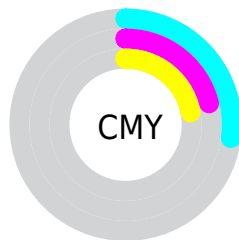
-  Red (73%)
-  Green (79%)
-  Blue (78%)






-  Red (73%)
-  Yellow (76%)
-  Blue (79%)



-  Cyan (7%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (27%)
-  Magenta (21%)
-  Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8055, 56.5082, 62.8203 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 51.8055, 56.5082, 62.8203 by changing the saturation by 10% instead.

■ 51.8055, 56.5082,
62.8203

■ 51.8055, 56.5082,
62.8203

384.0216,
411.6039, 453.0070

■ 37.0737, 40.6105,
45.2558

■ 92.0203, 99.7472,
110.4933

■ 25.4385, 28.0149,
31.3145

118.2339,
127.8574, 141.4388

■ 16.5345, 18.3369,
20.5780

149.0056,
160.8071, 177.6818

■ 9.9964, 11.1921,
12.6277

184.7007,
198.9809, 219.6408

■ 5.4588, 6.1962,
7.0450

225.6844,
242.7631, 267.7342

■ 2.5564, 2.9648,
3.4114

272.3223,

■ 0.9238, 1.1134,

292.5380, 322.3807

1.3083

324.9795,
348.6902, 383.9988

■ 0.0000, 0.0000,
0.0686

■ 0.0000, 0.0000,
0.0000

■ 51.8055, 56.5082,
62.8203

■ 51.8055, 56.5082,
62.8203

■ 47.0611, 54.0833,
61.7250

■ 57.2430, 59.2933,
63.9586

■ 42.9766, 51.9968,
60.6677

■ 63.3955, 62.4454,
65.1376

■ 39.5231, 50.2355,
59.6481

■ 70.2901, 65.9797,
66.3596

■ 36.6679, 48.7824,
58.6648

■ 73.2393, 67.4800,
67.4052

■ 34.3751, 47.6190,
57.7159

■ 73.4148, 67.5502,
68.3295

■ 32.6053, 46.7251,
56.7997

■ 73.5919, 67.6211,
69.2622

■ 31.3136, 46.0775,
55.9140

■ 73.7706, 67.6926,
70.2034

■ 30.4480, 45.6493,
55.0563

■ 73.9510, 67.7647,
71.1530

■ 29.9382, 45.4044,
54.2234

■ 74.1329, 67.8375,
72.1113

Harmonies

Analogous

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



51.8388, 56.5082, 59.8950



51.8055, 56.5082, 62.8203



52.2777, 56.5082, 65.4802

Triad

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



51.8055, 56.5082, 62.8203



55.0722, 56.5082, 65.7584



54.2867, 56.5082, 56.2648

Complementary

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



51.8055, 56.5082, 62.8203



50.9369, 51.5905, 54.8530

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.



55.1669, 56.5082, 57.7378



51.8055, 56.5082, 62.8203



55.6244, 56.5082, 63.1901

Square

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



51.8055, 56.5082, 62.8203



54.1588, 56.5082, 67.2126



55.6593, 56.5082, 60.2532



53.2624, 56.5082, 56.1729

Rectangle

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



51.8055, 56.5082, 62.8203



52.8191, 56.5082, 66.7196



55.6593, 56.5082, 60.2532



54.6095, 56.5082, 56.6126

Sweetspot

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



51.8071, 56.5106, 62.8215



93.1397, 99.0220, 108.5039



50.6381, 56.0761, 55.1695



19.9557, 21.2050, 23.2285



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.



51.8071, 56.5106, 62.8215



87.7046, 96.2404, 107.3328



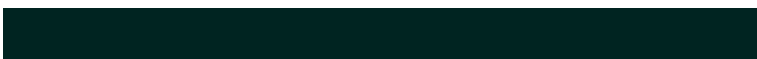
50.5903, 53.8887, 62.9963



10.9127, 12.0539, 13.4902



18.7601, 28.5164, 34.0108



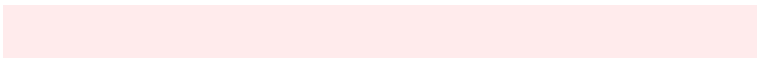
0.8984, 1.3543, 1.6634

Inverse Universe

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



50.9369, 51.5905, 54.8530



85.9832, 86.5076, 91.5695



52.0922, 54.0736, 54.7063



10.6642, 10.6491, 11.2149



15.2097, 7.8335, 1.0484



0.7311, 0.3753, 0.1073

Previews

White Background



This preview shows how the XYZ color 51.8055, 56.5082, 62.8203 looks on a white background.

Color Contrast Check

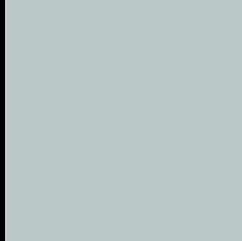
Large Text (above 18pt) WCAG AA × Fail

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 51.8055, 56.5082, 62.8203 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

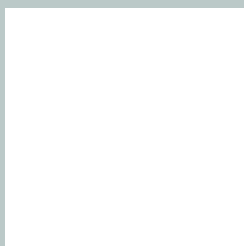
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.8055, 56.5082, 62.8203

Background



This preview shows how black text looks on a background with the XYZ color 51.8055, 56.5082, 62.8203.

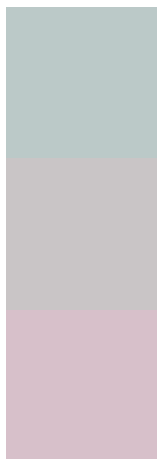


This preview shows how white text looks on a background with the XYZ color 51.8055, 56.5082,

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

51.8055, 56.5082, 62.8203

Protanopia

54.2467, 56.4272, 61.4585

Deuteranopia

57.5346, 56.4106, 63.7331



Tritanopia

53.6754, 56.5720, 72.3805

Trichromacy



Original Color

51.8055, 56.5082, 62.8203

Protanomaly

53.2678, 56.2475, 62.0822

Deuteranomaly

55.2346, 56.2264, 63.1999

Tritanomaly

53.0262, 56.6531, 69.1131

Monochromacy



Original Color

51.8055, 56.5082, 62.8203

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3794, 55.8028, 61.4364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8055, 56.5082, 62.8203 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(187, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 200)  
}
```

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(187, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 200) }
```

Border

The CSS property to change the border of an element to XYZ 51.8055, 56.5082, 62.8203 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(187, 201, 200) }
```


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

```
.border{ border-color:rgb(187, 201, 200) }
```

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

Here you see how a box with a 4 pixel rgb(187, 201, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8055, 56.5082, 62.8203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 200) }
```

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

```
.background{ background-color: rgb(187,  
201, 200) }
```

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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