

Converting Colors

XYZ(52.3143, 58.2046, 66.7433)

Have a look what the booklet for
XYZ(52.3143, 58.2046, 66.7433)
contains.

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Color

**XYZ(52.2633, 58.0640,
66.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CDCE
RGB	182, 205, 206
RGB Percent	71%, 80%, 81%
CMY	0.2863, 0.1961, 0.1922
CMYK	0.12, 0.00, 0.00, 0.19
HSL	182°, 20%, 76%
HSV	182°, 12%, 81%
XYZ	52.2633, 58.0640, 66.8454
YIQ	198.2370, -14.0290, -4.5650

Conversions

Conversions Part 2

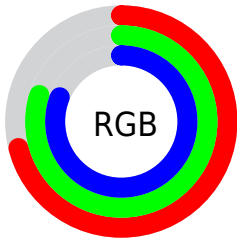
Format	Color
RYB	182, 194, 206
Decimal	11980238
CIELab	80.77, -7.50, -3.13
CIELCh	81, 8.129, 202.636
Yxy	58.0640, 0.2950, 0.3277
Android (android.graphics.Color)	4290170318 (0xFFB6CDCE)
YUV	198.2370, 3.8272, -14.2398
Hunter-Lab	76.1997, -10.9213, 1.3283

Details

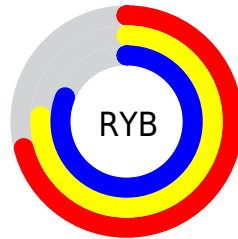
The XYZ color **52.2633, 58.0640, 66.8454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8308, 50.3658, 51.2994**, and the grayscale version is **53.8056, 56.6076, 61.6457**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.7874, 29.0673, 33.9572** is the 20% darker color. If you saturate the color by 10%, you get **47.5480, 55.3317, 66.5675**, and if you desaturate by 10%, it is **57.6987, 61.1723, 67.1598**.

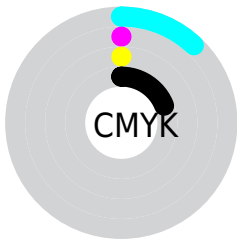
Distribution



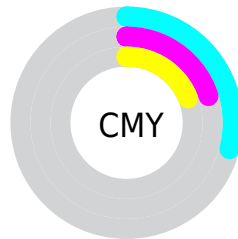
- Red (71%)
- Green (80%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2633, 58.0640, 66.8454 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 52.2633, 58.0640, 66.8454 by changing the saturation by 10% instead.

■ 52.2633, 58.0640,
66.8454

■ 52.2633, 58.0640,
66.8454

385.7595,
417.4244, 467.8808

■ 37.4401, 41.8601,
48.4982

■ 92.6914, 102.0161,
116.3374

■ 25.7237, 28.9918,
33.8588

119.0269,
130.5330, 148.3193

■ 16.7486, 19.0746,
22.5087

149.9307,
163.9231, 185.6831

■ 10.1496, 11.7242,
14.0292

185.7680,
202.5707, 228.8475

■ 5.5613, 6.5562,
8.0020

226.9042,
246.8602, 278.2309

■ 2.6183, 3.1861,
4.0085

273.7046,

■ 0.9553, 1.2297,

297.1761, 334.2519

1.6300

326.5346,
353.9027, 397.3290

■ 0.0000, 0.0857,
0.3121

■ 0.0000, 0.0000,
0.0000

■ 52.2633, 58.0640,
66.8454

■ 52.2633, 58.0640,
66.8454

■ 47.5480, 55.3317,
66.5675

■ 57.6987, 61.1723,
67.1598

■ 43.5168, 52.9522,
66.3206

■ 63.8785, 64.6644,
67.5081

■ 40.1378, 50.9106,
66.1046

■ 70.8319, 68.5571,
67.8930

■ 37.3749, 49.1882,
65.9178

■ 75.0409, 71.0366,
68.1498

■ 35.1882, 47.7645,
65.7583

■ 75.2506, 71.4561,
68.2197

■ 33.5335, 46.6167,
65.6239

■ 75.4615, 71.8778,
68.2900

■ 32.3597, 45.7185,
65.5124

■ 75.6735, 72.3018,
68.3606

■ 31.6061, 45.0385,
65.4209

■ 75.8866, 72.7281,
68.4317

■ 31.2083, 44.5913,
65.3555

■ 76.1009, 73.1566,
68.5031

Harmonies

Analogous

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



52.0496, 58.0640, 62.0448



52.2633, 58.0640, 66.8454



53.2530, 58.0640, 70.8543

Triad

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



52.2633, 58.0640, 66.8454



57.7925, 58.0640, 68.9973



55.6027, 58.0640, 54.4931

Complementary

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



52.2633, 58.0640, 66.8454



50.8308, 50.3658, 51.2994

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.



57.1695, 58.0640, 56.1581



52.2633, 58.0640, 66.8454



58.4503, 58.0640, 64.4137

Square

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



52.2633, 58.0640, 66.8454



56.4392, 58.0640, 72.1400



58.2200, 58.0640, 59.7316



53.9556, 58.0640, 55.0707

Rectangle

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



52.2633, 58.0640, 66.8454



54.2307, 58.0640, 72.4578



58.2200, 58.0640, 59.7316



56.1567, 58.0640, 54.8060

Sweetspot

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



52.2650, 58.0664, 66.8467



92.1900, 98.3753, 108.7371



49.8901, 57.4992, 53.1606



19.5729, 20.9655, 23.2651



0.0000, 0.0000, 0.0000



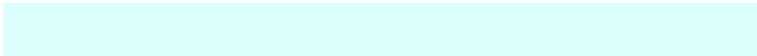
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2650, 58.0664, 66.8467



82.6426, 92.9042, 108.1843



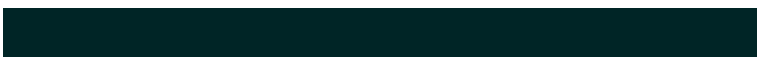
49.5471, 52.6307, 65.9407



11.5018, 12.6440, 14.4047



19.2351, 27.4941, 40.2494



1.0050, 1.4437, 2.0806

Inverse Universe

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



53.2023, 50.9866, 64.7978



84.4620, 79.2046, 104.1975



53.3683, 55.4408, 52.1452



11.6666, 11.3954, 14.0451



21.9199, 10.5785, 33.6264



1.1372, 0.5483, 1.7684

Previews

White Background



This preview shows how the XYZ color 52.2633, 58.0640, 66.8454 looks on a white background.

Color Contrast Check

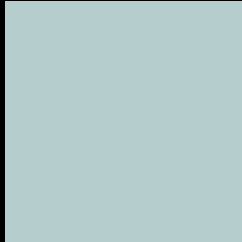
Large Text (above 18pt) WCAG AA × Fail

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 52.2633, 58.0640, 66.8454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

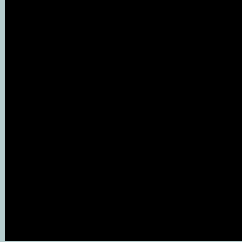
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

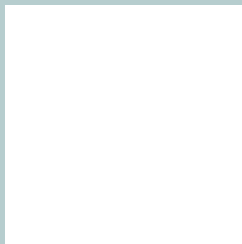
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2633, 58.0640, 66.8454

Background



This preview shows how black text looks on a background with the XYZ color 52.2633, 58.0640, 66.8454.



This preview shows how white text looks on a background with the XYZ color 52.2633, 58.0640,

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

52.2633, 58.0640, 66.8454

Protanopia

55.8315, 57.8552, 64.7244

Deuteranopia

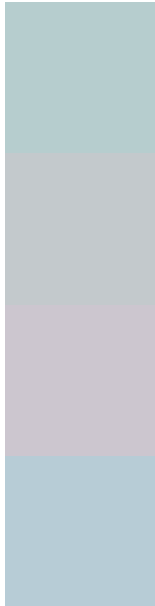
58.9959, 57.7366, 67.7094



Tritanopia

53.9093, 58.0167, 75.3749

Trichromacy



Original Color

52.2633, 58.0640, 66.8454

Protanomaly

54.2914, 57.7350, 65.4093

Deuteranomaly

56.3584, 57.7305, 67.2042

Tritanomaly

53.2589, 58.1081, 72.0273

Monochromacy



Original Color

52.2633, 58.0640, 66.8454

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.1675, 57.1968, 63.4962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2633, 58.0640, 66.8454 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, 205, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 205, 206)  
}
```

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, 205, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 205, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.2633, 58.0640, 66.8454 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, 205, 206) }
```


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

```
.border{ border-color:rgb(182, 205, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 205, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 205, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 205, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 205,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2633, 58.0640, 66.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 205, 206) }
```

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

```
.background{ background-color: rgb(182,  
205, 206) }
```

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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