

Converting Colors

XYZ(52.7382, 57.0336, 65.2282)

Have a look what the booklet for
XYZ(52.7382, 57.0336, 65.2282)
contains.

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Color

**XYZ(52.7720, 56.9517,
65.3381)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC9CC
RGB	189, 201, 204
RGB Percent	74%, 79%, 80%
CMY	0.2588, 0.2117, 0.2000
CMYK	0.07, 0.01, 0.00, 0.20
HSL	192°, 13%, 77%
HSV	192°, 7%, 80%
XYZ	52.7720, 56.9517, 65.3381
YIQ	197.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

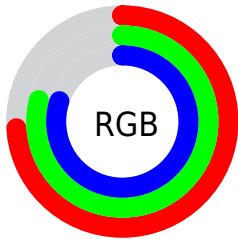
Format	Color
RYB	189, 196, 204
Decimal	12437964
CIELab	80.15, -3.50, -2.91
CIElCh	80, 4.552, 219.796
Yxy	56.9517, 0.3014, 0.3253
Android (android.graphics.Color)	4290628044 (0xFFBDC9CC)
YUV	197.7540, 3.0793, -7.6773
Hunter-Lab	75.4664, -7.2449, 1.4937

Details

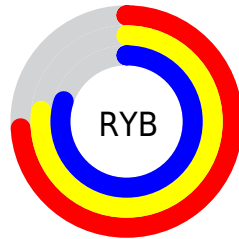
The XYZ color **52.7720, 56.9517, 65.3381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9371, 54.2105, 55.8187**, and the grayscale version is **53.5139, 56.3008, 61.3116**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **26.0921, 28.3037, 32.9421** is the 20% darker color. If you saturate the color by 10%, you get **47.1261, 52.6508, 64.8064**, and if you desaturate by 10%, it is **59.1582, 61.6748, 65.9140**.

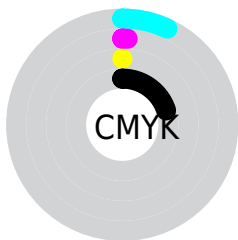
Distribution



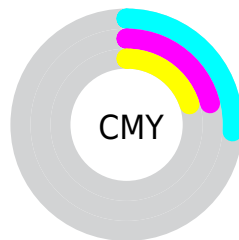
- Red (74%)
- Green (79%)
- Blue (80%)



- Red (74%)
- Yellow (77%)
- Blue (80%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (26%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7720, 56.9517, 65.3381 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 52.7720, 56.9517, 65.3381 by changing the saturation by 10% instead.

■ 52.7720, 56.9517,
65.3381

■ 52.7720, 56.9517,
65.3381

387.6850,
413.2683, 462.3454

■ 37.8475, 40.9665,
47.2822

■ 93.4363, 100.3947,
114.1537

■ 26.0411, 28.2929,
32.9029

119.9068,
128.6213, 145.7505

■ 16.9872, 18.5466,
21.7815

150.9568,
161.6971, 182.6981

■ 10.3206, 11.3431,
13.4997

186.9515,
200.0065, 225.4149

■ 5.6759, 6.2981,
7.6388

228.2563,
243.9339, 274.3194

■ 2.6878, 3.0272,
3.7802

275.2366,

■ 0.9909, 1.1459,

293.8638, 329.8304

1.5056

328.2577,
350.1804, 392.3662

■ 0.0000, 0.0169,
0.2221

■ 0.0000, 0.0000,
0.0000

■ 52.7720, 56.9517,
65.3381

■ 52.7720, 56.9517,
65.3381

■ 47.1261, 52.6508,
64.8064

■ 59.1582, 61.6748,
65.9140

■ 42.1859, 48.7492,
64.3137

■ 66.3077, 66.8276,
66.5318

■ 37.9211, 45.2327,
63.8597

■ 74.2488, 72.4265,
67.1940

■ 34.2974, 42.0833,
63.4428

■ 77.0316, 75.4044,
67.6221

■ 31.2775, 39.2813,
63.0611

■ 78.0972, 77.5357,
67.9773

■ 28.8199, 36.8053,
62.7127

■ 79.1890, 79.7192,
68.3412

■ 26.8777, 34.6306,
62.3954

■ 80.3071, 81.9554,
68.7139

■ 25.3962, 32.7288,
62.1063

■ 81.4517, 84.2446,
69.0954

■ 24.2998, 31.0605,
61.8421

■ 82.6230, 86.5871,
69.4859

Harmonies

Analogous

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



52.3922, 56.9517, 62.8839



52.7720, 56.9517, 65.3381



53.5172, 56.9517, 66.9292

Triad

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



52.7720, 56.9517, 65.3381



55.8221, 56.9517, 63.7917



53.8280, 56.9517, 57.1120

Complementary

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



52.7720, 56.9517, 65.3381



52.9371, 54.2105, 55.8187

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.



54.7492, 56.9517, 57.3393



52.7720, 56.9517, 65.3381



55.9076, 56.9517, 61.1456

Square

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



52.7720, 56.9517, 65.3381



55.2806, 56.9517, 66.0189



55.5129, 56.9517, 58.7983



52.9972, 56.9517, 58.1682

Rectangle

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



52.7720, 56.9517, 65.3381



54.1245, 56.9517, 67.2605



55.5129, 56.9517, 58.7983



54.1372, 56.9517, 57.0415

Sweetspot

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



52.7736, 56.9541, 65.3394



92.8743, 98.3971, 108.7053



52.0668, 57.8002, 58.1374



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



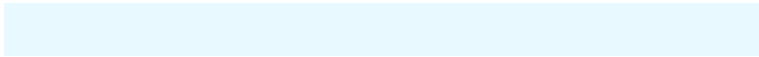
20.3446, 21.4041, 23.3091

Same Dimension

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



52.7736, 56.9541, 65.3394



85.6595, 93.0133, 108.0464



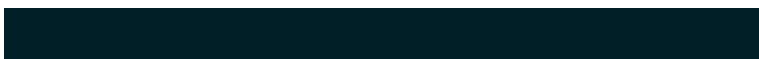
51.1225, 53.6519, 64.7890



11.3455, 12.3314, 14.3526



15.1974, 19.4188, 38.9035



0.8337, 1.1012, 2.0235

Inverse Universe

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



53.6433, 53.4508, 62.7508



87.4311, 85.9295, 102.7617



54.5690, 57.4744, 56.3627



11.5877, 11.3638, 13.6297



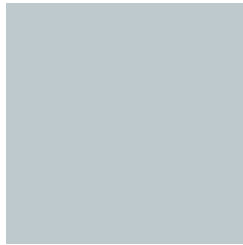
19.8819, 9.7633, 22.8943



1.0508, 0.5137, 1.3132

Previews

White Background



This preview shows how the XYZ color 52.7720, 56.9517, 65.3381 looks on a white background.

Color Contrast Check

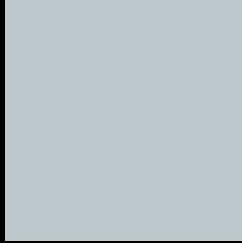
Large Text (above 18pt) WCAG AA × Fail

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 52.7720, 56.9517, 65.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

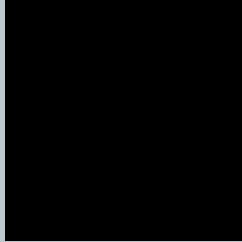
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

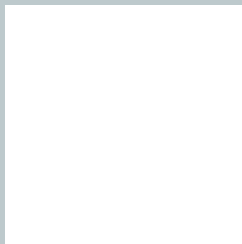
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7720, 56.9517, 65.3381

Background



This preview shows how black text looks on a background with the XYZ color 52.7720, 56.9517, 65.3381.



This preview shows how white text looks on a background with the XYZ color 52.7720, 56.9517,

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

52.7720, 56.9517, 65.3381

Protanopia

54.9421, 57.0699, 63.9970

Deuteranopia

58.2349, 57.0432, 66.3337



Tritanopia

54.1750, 56.8295, 72.4038

Trichromacy



Original Color

52.7720, 56.9517, 65.3381

Protanomaly

54.2289, 57.0290, 64.6494

Deuteranomaly

56.2130, 57.0094, 65.7988

Tritanomaly

53.6474, 56.9589, 69.7947

Monochromacy



Original Color

52.7720, 56.9517, 65.3381

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3544, 56.6191, 62.7601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7720, 56.9517, 65.3381 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(189, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 204)  
}
```

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(189, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 204) }
```

Border

The CSS property to change the border of an element to XYZ 52.7720, 56.9517, 65.3381 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(189, 201, 204) }
```


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

```
.border{ border-color:rgb(189, 201, 204) }
```

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

Here you see how a box with a 4 pixel rgb(189, 201, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 201,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7720, 56.9517, 65.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 204) }
```

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

```
.background{ background-color: rgb(189,  
201, 204) }
```

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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