

Converting Colors

XYZ(52.9013, 57.0322, 64.7200)

Have a look what the booklet for
XYZ(52.9013, 57.0322, 64.7200)
contains.

XYZ(52.9013, 57.0322, 64.7200)	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(52.9013, 57.0322,
64.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC9CB
RGB	190, 201, 203
RGB Percent	75%, 79%, 80%
CMY	0.2549, 0.2117, 0.2039
CMYK	0.06, 0.01, 0.00, 0.20
HSL	189°, 11%, 77%
HSV	189°, 6%, 80%
XYZ	52.9013, 57.0322, 64.7200
YIQ	197.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

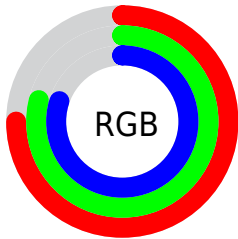
Format	Color
RYB	190, 196, 203
Decimal	12503499
CIELab	80.20, -3.36, -2.30
CIElCh	80, 4.071, 214.436
Yxy	57.0322, 0.3029, 0.3265
Android (android.graphics.Color)	4290693579 (0xFFBEC9CB)
YUV	197.9390, 2.4951, -6.9625
Hunter-Lab	75.5197, -7.1207, 2.0525

Details

The XYZ color **52.9013, 57.0322, 64.7200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7727, 54.1130, 56.3795**, and the grayscale version is **53.6292, 56.4221, 61.4437**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.1751, 28.3557, 32.5274** is the 20% darker color. If you saturate the color by 10%, you get **47.4609, 53.1609, 64.2604**, and if you desaturate by 10%, it is **59.0660, 61.3019, 65.2201**.

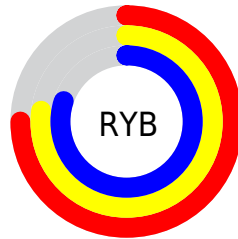
Distribution



Red (75%)

Green (79%)

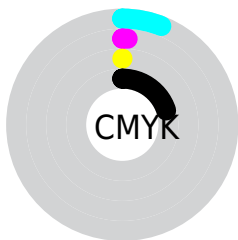
Blue (80%)



Red (75%)

Yellow (77%)

Blue (80%)

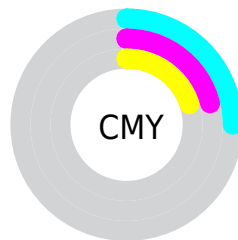


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (21%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9013, 57.0322, 64.7200 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 52.9013, 57.0322, 64.7200 by changing the saturation by 10% instead.

■ 52.9013, 57.0322,
64.7200

■ 52.9013, 57.0322,
64.7200

388.1734,
413.5700, 460.0637

■ 37.9511, 41.0311,
46.7842

■ 93.6255, 100.5122,
113.2566

■ 26.1218, 28.3434,
32.5119

120.1303,
128.7598, 144.6945

■ 17.0480, 18.5847,
21.4848

151.2173,
161.8584, 181.4701

■ 10.3642, 11.3706,
13.2841

187.2519,
200.1924, 224.0021

■ 5.7052, 6.3167,
7.4915

228.5994,
244.1462, 272.7089

■ 2.7056, 3.0386,
3.6882

275.6253,

■ 1.0001, 1.1519,

294.1041, 328.0091

1.4559

328.6948,
350.4506, 390.3212

■ 0.0000, 0.0219,
0.1848

■ 0.0000, 0.0000,
0.0000

■ 52.9013, 57.0322,
64.7200

■ 52.9013, 57.0322,
64.7200

■ 47.4609, 53.1609,
64.2604

■ 59.0660, 61.3019,
65.2201

■ 42.7106, 49.6657,
63.8361

■ 65.9775, 65.9770,
65.7582

■ 38.6212, 46.5327,
63.4469

■ 73.6633, 71.0735,
66.3368

■ 35.1590, 43.7446,
63.0912

■ 75.9341, 73.4007,
66.6664

■ 32.2874, 41.2825,
62.7673

■ 76.7283, 74.9891,
66.9311

■ 29.9662, 39.1252,
62.4733

■ 77.5377, 76.6079,
67.2009

■ 28.1496, 37.2493,
62.2069

■ 78.3623, 78.2572,
67.4758

■ 26.7847, 35.6272,
61.9658

■ 79.2023, 79.9372,
67.7558

■ 25.8034, 34.2236,
61.7466

■ 80.0577, 81.6480,
68.0409

Harmonies

Analogous

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



52.6312, 57.0322, 62.4527



52.9013, 57.0322, 64.7200



53.5214, 57.0322, 66.3150

Triad

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



52.9013, 57.0322, 64.7200



55.6604, 57.0322, 64.0923



54.0840, 57.0322, 57.6504

Complementary

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



52.9013, 57.0322, 64.7200



52.7727, 54.1130, 56.3795

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.



54.8992, 57.0322, 58.0643



52.9013, 57.0322, 64.7200



55.8147, 57.0322, 61.7454

Square

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



52.9013, 57.0322, 64.7200



55.1152, 57.0322, 65.9462



55.5348, 57.0322, 59.5485



53.3096, 57.0322, 58.4032

Rectangle

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



52.9013, 57.0322, 64.7200



54.0528, 57.0322, 66.7612



55.5348, 57.0322, 59.5485



54.3623, 57.0322, 57.6579

Sweetspot

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



52.9029, 57.0346, 64.7213



92.9491, 98.5467, 108.7302



52.1009, 57.4635, 58.1865



19.9170, 21.1083, 23.2745



0.0000, 0.0000, 0.0000



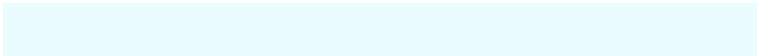
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9029, 57.0346, 64.7213



86.9475, 94.3512, 108.2367



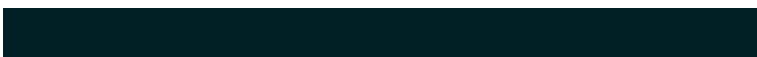
51.4300, 54.0887, 64.2303



11.3908, 12.4220, 14.3677



16.2806, 21.5852, 39.2646



0.8806, 1.1949, 2.0392

Inverse Universe

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



53.5859, 53.7415, 62.8100



88.3835, 87.4677, 104.2092



54.2208, 57.0093, 56.8622



11.6106, 11.3730, 13.7501



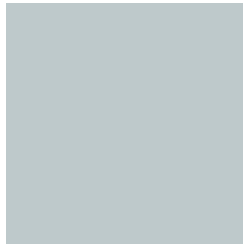
20.4286, 9.9820, 25.7734



1.0744, 0.5232, 1.4377

Previews

White Background



This preview shows how the XYZ color 52.9013, 57.0322, 64.7200 looks on a white background.

Color Contrast Check

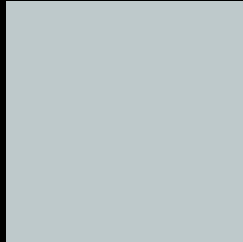
Large Text (above 18pt) WCAG AA × Fail

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 52.9013, 57.0322, 64.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

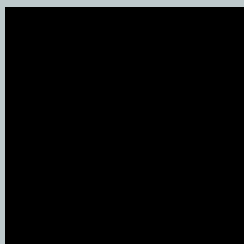
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

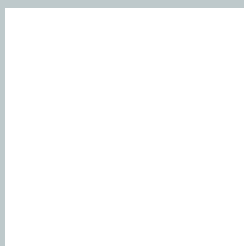
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9013, 57.0322, 64.7200

Background



This preview shows how black text looks on a background with the XYZ color 52.9013, 57.0322, 64.7200.



This preview shows how white text looks on a background with the XYZ color 52.9013, 57.0322,

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

52.9013, 57.0322, 64.7200

Protanopia

54.8241, 57.0227, 63.3753

Deuteranopia

58.1137, 56.9948, 65.6958



Tritanopia

54.4274, 56.9596, 72.4157

Trichromacy



Original Color

52.9013, 57.0322, 64.7200

Protanomaly

54.1101, 56.9814, 64.0237

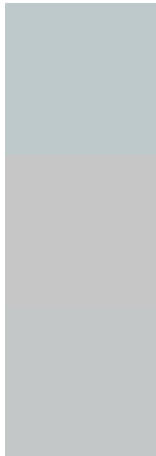
Deuteranomaly

56.0926, 56.9613, 65.1650

Tritanomaly

53.8980, 57.0881, 69.8064

Monochromacy



Original Color

52.9013, 57.0322, 64.7200

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 52.9013, 57.0322, 64.7200 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(190, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 203)  
}
```

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(190, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.9013, 57.0322, 64.7200 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(190, 201, 203) }
```


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

```
.border{ border-color:rgb(190, 201, 203) }
```

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

Here you see how a box with a 4 pixel rgb(190, 201, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9013, 57.0322, 64.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 203) }
```

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

```
.background{ background-color: rgb(190,  
201, 203) }
```

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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