

Converting Colors

XYZ(53.1130, 57.1318, 64.1014)

Have a look what the booklet for
XYZ(53.1130, 57.1318, 64.1014)
contains.

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Color

**XYZ(53.0332, 57.1139,
64.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9CA
RGB	191, 201, 202
RGB Percent	75%, 79%, 79%
CMY	0.2510, 0.2117, 0.2078
CMYK	0.05, 0.00, 0.00, 0.21
HSL	185°, 9%, 77%
HSV	185°, 5%, 79%
XYZ	53.0332, 57.1139, 64.1061
YIQ	198.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

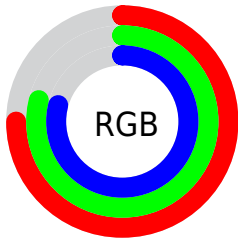
Format	Color
RYB	191, 196, 202
Decimal	12569034
CIELab	80.24, -3.21, -1.69
CIElCh	80, 3.631, 207.730
Yxy	57.1139, 0.3043, 0.3278
Android (android.graphics.Color)	4290759114 (0xFFBFC9CA)
YUV	198.1240, 1.9109, -6.2477
Hunter-Lab	75.5737, -6.9933, 2.6083

Details

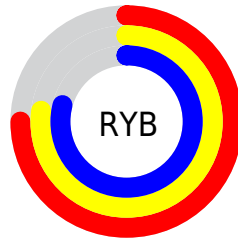
The XYZ color **53.0332, 57.1139, 64.1061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6110, 54.0171, 56.9446**, and the grayscale version is **53.7447, 56.5436, 61.5760**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **26.2602, 28.4088, 32.1164** is the 20% darker color. If you saturate the color by 10%, you get **47.8756, 53.8268, 63.7443**, and if you desaturate by 10%, it is **58.8998, 60.7772, 64.5049**.

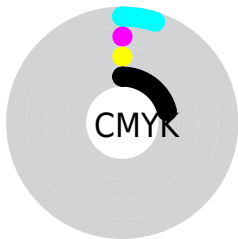
Distribution



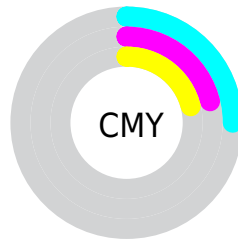
- Red (75%)
- Green (79%)
- Blue (79%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0332, 57.1139, 64.1061 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 53.0332, 57.1139, 64.1061 by changing the saturation by 10% instead.

■ 53.0332, 57.1139,
64.1061

■ 53.0332, 57.1139,
64.1061

388.6713,
413.8760, 457.7907

■ 38.0569, 41.0967,
46.2899

■ 93.8185, 100.6314,
112.3647

■ 26.2042, 28.3946,
32.1243

120.3581,
128.9004, 143.6441

■ 17.1100, 18.6234,
21.1909

151.4829,
162.0222, 180.2483

■ 10.4087, 11.3984,
13.0710

187.5581,
200.3811, 222.5959

■ 5.7351, 6.3355,
7.3461

228.9492,
244.3615, 271.1054

■ 2.7238, 3.0501,
3.5978

276.0216,

■ 1.0095, 1.1580,

294.3479, 326.1953

1.4074

329.1405,
350.7246, 388.2842

■ 0.0000, 0.0270,
0.1475

■ 0.0000, 0.0000,
0.0000

■ 53.0332, 57.1139,
64.1061

■ 53.0332, 57.1139,
64.1061

■ 47.8756, 53.8268,
63.7443

■ 58.8998, 60.7772,
64.5049

■ 43.3937, 50.8940,
63.4145

■ 65.4973, 64.8234,
64.9381

■ 39.5585, 48.3020,
63.1163

■ 72.8530, 69.2679,
65.4083

■ 36.3372, 46.0340,
62.8483

■ 74.5368, 70.7962,
65.6146

■ 33.6942, 44.0716,
62.6088

■ 74.9867, 71.6960,
65.7645

■ 31.5900, 42.3944,
62.3960

■ 75.4417, 72.6061,
65.9162

■ 29.9802, 40.9794,
62.2077

■ 75.9020, 73.5266,
66.0696

■ 28.8133, 39.8002,
62.0416

■ 76.3675, 74.4576,
66.2248

■ 28.0262, 38.8240,
61.8947

■ 76.8382, 75.3990,
66.3817

Harmonies

Analogous

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



52.8733, 57.1139, 62.0258



53.0332, 57.1139, 64.1061



53.5276, 57.1139, 65.7030

Triad

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



53.0332, 57.1139, 64.1061



55.4991, 57.1139, 64.3923



54.3415, 57.1139, 58.1971

Complementary

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



53.0332, 57.1139, 64.1061



52.6110, 54.0171, 56.9446

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.



55.0496, 57.1139, 58.7993



53.0332, 57.1139, 64.1061



55.7217, 57.1139, 62.3491

Square

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



53.0332, 57.1139, 64.1061



54.9510, 57.1139, 65.8709



55.5564, 57.1139, 60.3072



53.6245, 57.1139, 58.6437

Rectangle

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



53.0332, 57.1139, 64.1061



53.9827, 57.1139, 66.2619



55.5564, 57.1139, 60.3072



54.5885, 57.1139, 58.2833

Sweetspot

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



53.0348, 57.1163, 64.1074



93.0512, 98.7510, 108.7643



52.1125, 57.1205, 58.1005



19.9377, 21.1499, 23.2815



0.0000, 0.0000, 0.0000



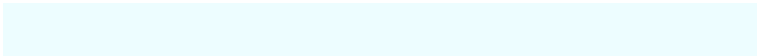
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0348, 57.1163, 64.1074



88.2712, 95.7425, 108.4355



51.7936, 54.6338, 63.6936



11.6770, 12.6886, 14.4041



17.8828, 24.7895, 39.7986



0.9486, 1.3309, 2.0618

Inverse Universe

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



53.5318, 54.0364, 62.8698



89.3582, 89.0315, 105.7231



53.8230, 56.4411, 57.3487



11.8297, 11.7465, 14.0227



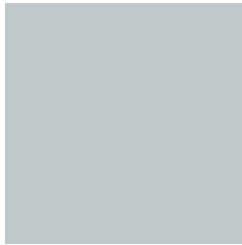
21.2373, 10.3055, 30.0320



1.1087, 0.5369, 1.6185

Previews

White Background



This preview shows how the XYZ color 53.0332, 57.1139, 64.1061 looks on a white background.

Color Contrast Check

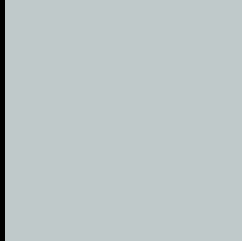
Large Text (above 18pt) WCAG AA × Fail

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 53.0332, 57.1139, 64.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

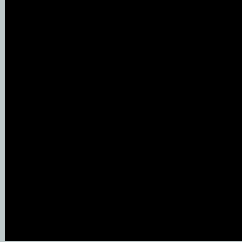
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

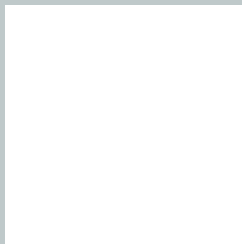
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0332, 57.1139, 64.1061

Background



This preview shows how black text looks on a background with the XYZ color 53.0332, 57.1139, 64.1061.



This preview shows how white text looks on a background with the XYZ color 53.0332, 57.1139,

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

53.0332, 57.1139, 64.1061

Protanopia

54.9765, 57.1149, 62.7703

Deuteranopia

58.2879, 57.0985, 65.0757



Tritanopia

54.6815, 57.0906, 72.4275

Trichromacy



Original Color

53.0332, 57.1139, 64.1061

Protanomaly

54.2547, 57.0697, 63.4144

Deuteranomaly

56.2515, 57.0571, 64.5482

Tritanomaly

54.0254, 57.1682, 69.1599

Monochromacy



Original Color

53.0332, 57.1139, 64.1061

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2379, 56.5725, 62.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0332, 57.1139, 64.1061 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(191, 201, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 202)  
}
```

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(191, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.0332, 57.1139, 64.1061 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(191, 201, 202) }
```


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

```
.border{ border-color:rgb(191, 201, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0332, 57.1139, 64.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 202) }
```

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

```
.background{ background-color: rgb(191,  
201, 202) }
```

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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