

Converting Colors

XYZ(53.1846, 57.3571, 72.3599)

Have a look what the booklet for
XYZ(53.1846, 57.3571, 72.3599)
contains.

XYZ(53.1534, 57.3377, 72.5558)	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(53.1534, 57.3377,
72.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CAD7
RGB	184, 202, 215
RGB Percent	72%, 79%, 84%
CMY	0.2784, 0.2078, 0.1569
CMYK	0.14, 0.06, 0.00, 0.16
HSL	205°, 28%, 78%
HSV	205°, 14%, 84%
XYZ	53.1534, 57.3377, 72.5558
YIQ	198.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

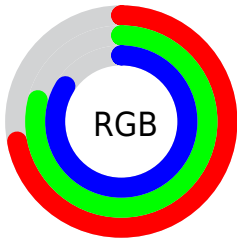
Format	Color
RYB	184, 195, 215
Decimal	12110551
CIELab	80.37, -3.44, -8.54
CIELCh	80, 9.205, 248.027
Yxy	57.3377, 0.2904, 0.3132
Android (android.graphics.Color)	4290300631 (0xFFB8CAD7)
YUV	198.1000, 8.3317, -12.3657
Hunter-Lab	75.7217, -7.2135, -3.8060

Details

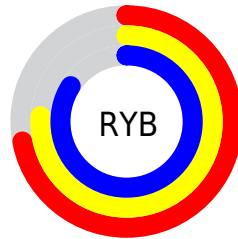
The XYZ color **53.1534, 57.3377, 72.5558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6426, 57.8400, 53.5272**, and the grayscale version is **53.6961, 56.4924, 61.5203**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.2951, 28.5432, 37.3812** is the 20% darker color. If you saturate the color by 10%, you get **46.3361, 50.7760, 71.6495**, and if you desaturate by 10%, it is **60.8804, 64.5548, 73.5425**.

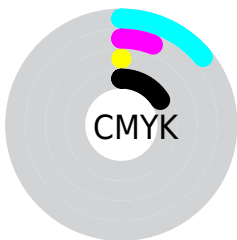
Distribution



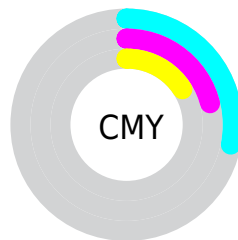
- Red (72%)
- Green (79%)
- Blue (84%)



- Red (72%)
- Yellow (76%)
- Blue (84%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1534, 57.3377, 72.5558 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 53.1534, 57.3377, 72.5558 by changing the saturation by 10% instead.

■ 53.1534, 57.3377,
72.5558

■ 53.1534, 57.3377,
72.5558

389.1246,
414.7135, 488.5033

■ 38.1532, 41.2764,
53.1232

■ 93.9943, 100.9578,
124.5615

■ 26.2794, 28.5351,
37.5127

120.5656,
129.2854, 157.9716

■ 17.1665, 18.7294,
25.3058

151.7248,
162.4705, 196.8781

■ 10.4493, 11.4749,
16.0840

187.8371,
200.8976, 241.6993

■ 5.7624, 6.3872,
9.4286

229.2678,
244.9511, 292.8539

■ 2.7404, 3.0820,
4.9212

276.3824,

■ 1.0180, 1.1747,

295.0153, 350.7604

2.1432

329.5463,
351.4746, 415.8374

■ 0.0000, 0.0409,
0.6413

■ 0.0000, 0.0000,
0.0000

■ 53.1534, 57.3377,
72.5558

■ 53.1534, 57.3377,
72.5558

■ 46.3361, 50.7760,
71.6495

■ 60.8804, 64.5548,
73.5425

■ 40.3862, 44.8402,
70.8174

■ 69.5470, 72.4412,
74.6080

■ 35.2652, 39.5090,
70.0582

■ 79.1880, 81.0194,
75.7556

■ 30.9298, 34.7565,
69.3694

■ 84.0983, 87.3511,
76.7189

■ 27.3321, 30.5549,
68.7480

■ 86.7898, 92.7340,
77.6161

■ 24.4188, 26.8731,
68.1909

■ 89.2659, 97.6864,
78.4415

■ 22.1281, 23.6758,
67.6945

■ 20.3857, 20.9208,
67.2546

■ 19.5817, 19.5380,
67.0301

Harmonies

Analogous

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



51.6935, 57.3377, 69.0434



53.1534, 57.3377, 72.5558



55.0052, 57.3377, 73.2789

Triad

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



53.1534, 57.3377, 72.5558



58.1644, 57.3377, 60.9933



52.2963, 57.3377, 54.6093

Complementary

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



53.1534, 57.3377, 72.5558



56.6426, 57.8400, 53.5272

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.



53.9934, 57.3377, 52.7103



53.1534, 57.3377, 72.5558



57.4017, 57.3377, 56.2549

Square

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



53.1534, 57.3377, 72.5558



57.9270, 57.3377, 66.3943



55.8646, 57.3377, 53.2949



51.2066, 57.3377, 58.6287

Rectangle

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



53.1534, 57.3377, 72.5558



56.2179, 57.3377, 72.0451



55.8646, 57.3377, 53.2949



52.8131, 57.3377, 53.7127

Sweetspot

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



53.1551, 57.3401, 72.5571



90.0473, 95.4183, 108.2793



54.1371, 62.8196, 62.0463



19.0779, 20.2429, 23.1517



0.0000, 0.0000, 0.0000



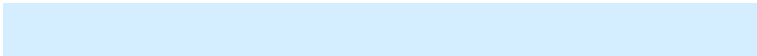
20.3446, 21.4041, 23.3091

Same Dimension

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



53.1551, 57.3401, 72.5571



75.3341, 81.6322, 106.3938



49.7159, 50.4618, 71.4107



12.3356, 13.1947, 15.8342



11.8190, 11.8998, 40.1271



0.7939, 0.8798, 2.4473

Inverse Universe

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



55.8268, 52.9935, 63.1662



79.9566, 74.2764, 90.1094



60.3248, 65.2043, 54.7546



12.7226, 12.5405, 14.4795



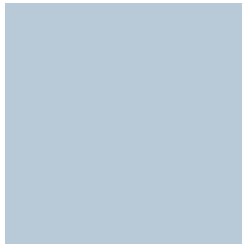
19.0245, 9.5461, 12.6992



1.1884, 0.5921, 0.9813

Previews

White Background



This preview shows how the XYZ color 53.1534, 57.3377, 72.5558 looks on a white background.

Color Contrast Check

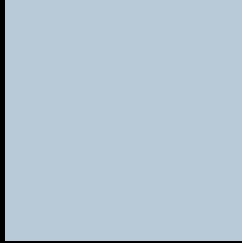
Large Text (above 18pt) WCAG AA × Fail

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 53.1534, 57.3377, 72.5558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

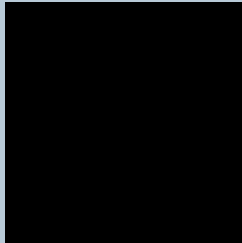
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

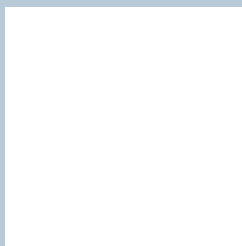
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.1534, 57.3377, 72.5558

Background



This preview shows how black text looks on a background with the XYZ color 53.1534, 57.3377, 72.5558.

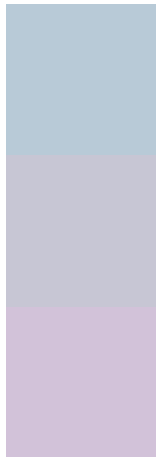


This preview shows how white text looks on a background with the XYZ color 53.1534, 57.3377,

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

53.1534, 57.3377, 72.5558

Protanopia

55.6309, 57.2837, 70.4122

Deuteranopia

58.3945, 57.2950, 73.6270



Tritanopia

53.5426, 57.4934, 74.6050

Trichromacy



Original Color

53.1534, 57.3377, 72.5558

Protanomaly

54.6818, 57.1203, 71.0941

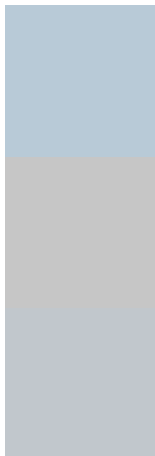
Deuteranomaly

56.4483, 57.3079, 73.0521

Tritanomaly

53.4121, 57.4412, 73.9178

Monochromacy



Original Color

53.1534, 57.3377, 72.5558

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3148, 56.5439, 65.2308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1534, 57.3377, 72.5558 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(184, 202, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 215)  
}
```

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(184, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 215) }
```

Border

The CSS property to change the border of an element to XYZ 53.1534, 57.3377, 72.5558 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(184, 202, 215) }
```


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

```
.border{ border-color:rgb(184, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1534, 57.3377, 72.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 215) }
```

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

```
.background{ background-color: rgb(184,  
202, 215) }
```

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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