

Converting Colors

XYZ(51.3198, 53.1747, 66.3023)

Have a look what the booklet for
XYZ(51.3198, 53.1747, 66.3023)
contains.

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Color

**XYZ(51.3473, 53.1514,
66.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC0CF
RGB	190, 192, 207
RGB Percent	75%, 75%, 81%
CMY	0.2549, 0.2470, 0.1882
CMYK	0.08, 0.07, 0.00, 0.19
HSL	233°, 15%, 78%
HSV	233°, 8%, 81%
XYZ	51.3473, 53.1514, 66.5844
YIQ	193.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

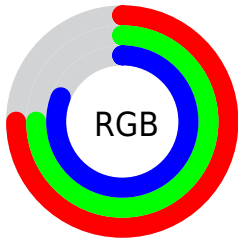
Format	Color
RYB	190, 192, 207
Decimal	12501199
CIELab	77.96, 2.20, -7.75
CIELCh	78, 8.059, 285.858
Yxy	53.1514, 0.3001, 0.3107
Android (android.graphics.Color)	4290691279 (0xFFBEC0CF)
YUV	193.1120, 6.8468, -2.7292
Hunter-Lab	72.9050, -1.8655, -3.1163

Details

The XYZ color **51.3473, 53.1514, 66.5844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8578, 60.6452, 57.4251**, and the grayscale version is **50.7192, 53.3606, 58.1097**.

A 20% lighter version of the original color is **89.6234, 93.9476, 108.0178**, and **25.2989, 26.0835, 33.8382** is the 20% darker color. If you saturate the color by 10%, you get **42.7761, 43.1464, 65.1058**, and if you desaturate by 10%, it is **61.1535, 64.5345, 68.2655**.

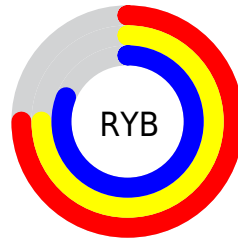
Distribution



Red (75%)

Green (75%)

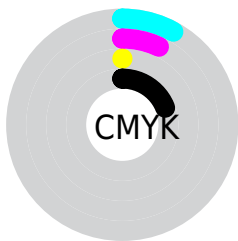
Blue (81%)



Red (75%)

Yellow (75%)

Blue (81%)

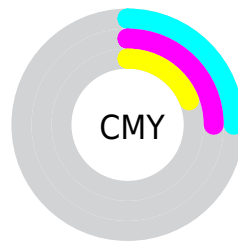


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (25%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3473, 53.1514, 66.5844 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 51.3473, 53.1514, 66.5844 by changing the saturation by 10% instead.

■ 51.3473, 53.1514,
66.5844

■ 51.3473, 53.1514,
66.5844

382.2771,
398.8657, 466.9252

■ 36.7072, 37.9236,
48.2875

■ 91.3479, 94.8271,
115.9597

■ 25.1535, 25.9234,
33.6930

117.4391,
122.0439, 147.8751

■ 16.3208, 16.7664,
22.3824

148.0781,
154.0257, 185.1672

■ 9.8437, 10.0681,
13.9372

183.6302,
191.1571, 228.2543

■ 5.3569, 5.4441,
7.9387

224.4608,
233.8224, 277.5552

■ 2.4951, 2.5101,
3.9685

270.9353,

■ 0.8928, 0.8817,

282.4060, 333.4882

1.6081

323.4189,
337.2923, 396.4720

■ 0.0000, 0.0000,
0.2966

■ 0.0000, 0.0000,
0.0000

■ 51.3473, 53.1514,
66.5844

■ 51.3473, 53.1514,
66.5844

■ 42.7761, 43.1464,
65.1058

■ 61.1535, 64.5345,
68.2655

■ 35.3862, 34.4606,
63.8188

■ 72.2361, 77.3382,
70.1528

■ 29.1269, 27.0407,
62.7165

■ 84.6405, 91.6117,
72.2541

■ 23.9422, 20.8273,
61.7904

■ 88.2626, 97.2851,
73.1582

■ 19.7711, 15.7562,
61.0315

■ 16.5463, 11.7571,
60.4295

■ 14.1926, 8.7518,
59.9735

■ 12.6226, 6.6515,
59.6508

■ 11.7160, 5.3431,
59.4461

Harmonies

Analogous

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



49.7856, 53.1514, 66.6579



51.3473, 53.1514, 66.5844



52.7139, 53.1514, 64.0984

Triad

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



51.3473, 53.1514, 66.5844



52.6482, 53.1514, 51.8939



47.6507, 53.1514, 55.7882

Complementary

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



51.3473, 53.1514, 66.5844



56.8578, 60.6452, 57.4251

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.



48.3856, 53.1514, 52.0641



51.3473, 53.1514, 66.5844



51.2592, 53.1514, 49.8957

Square

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



51.3473, 53.1514, 66.5844



53.4755, 53.1514, 55.5449



49.6993, 53.1514, 49.9563



47.6732, 53.1514, 60.2649

Rectangle

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



51.3473, 53.1514, 66.5844



53.3209, 53.1514, 61.4775



49.6993, 53.1514, 49.9563



47.8167, 53.1514, 54.4119

Sweetspot

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



51.3489, 53.1536, 66.5856



91.7800, 96.2084, 108.3405



54.5362, 59.9686, 66.2905



19.6790, 20.6323, 23.1952



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.



51.3489, 53.1536, 66.5856



79.5217, 81.9580, 106.2360



52.5025, 53.0999, 66.5144



11.2743, 11.6388, 14.8960



7.3430, 3.3326, 37.4487



0.4489, 0.2631, 2.1067

Inverse Universe

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



53.6612, 53.8992, 57.4471



84.0351, 83.4306, 88.3947



55.6326, 60.7294, 57.5059



11.8646, 11.8306, 12.5627



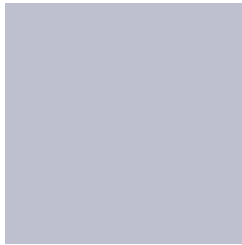
16.3371, 8.4077, 1.4156



0.9328, 0.4778, 0.1811

Previews

White Background



This preview shows how the XYZ color 51.3473, 53.1514, 66.5844 looks on a white background.

Color Contrast Check

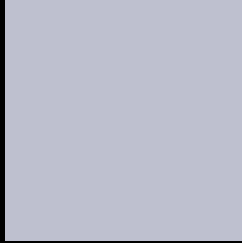
Large Text (above 18pt) WCAG AA × Fail

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 51.3473, 53.1514, 66.5844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

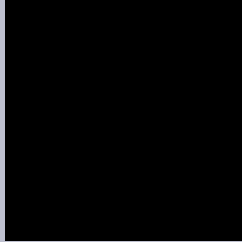
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3473, 53.1514, 66.5844

Background



This preview shows how black text looks on a background with the XYZ color 51.3473, 53.1514, 66.5844.

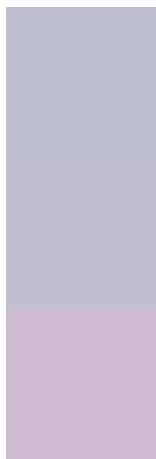


This preview shows how white text looks on a background with the XYZ color 51.3473, 53.1514,

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

51.3473, 53.1514, 66.5844

Protanopia

51.6315, 52.9731, 66.5350

Deuteranopia

54.0573, 52.9321, 67.0423



Tritanopia

51.3473, 53.1514, 66.5844

Trichromacy



Original Color

51.3473, 53.1514, 66.5844

Protanomaly

51.3791, 52.8430, 66.5232

Deuteranomaly

53.1360, 53.0914, 67.1216

Tritanomaly

51.3473, 53.1514, 66.5844

Monochromacy



Original Color

51.3473, 53.1514, 66.5844

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.0012, 53.4236, 61.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3473, 53.1514, 66.5844 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, 192, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 207)  
}
```

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, 192, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.3473, 53.1514, 66.5844 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, 192, 207) }
```


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

```
.border{ border-color:rgb(190, 192, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3473, 53.1514, 66.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 207) }
```

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

```
.background{ background-color: rgb(190,  
192, 207) }
```

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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