

Converting Colors

XYZ(53.1645, 50.8794, 66.0505)

Have a look what the booklet for
XYZ(53.1645, 50.8794, 66.0505)
contains.

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Color

**XYZ(53.1673, 50.9400,
66.0617)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB6CF
RGB	205, 182, 207
RGB Percent	80%, 71%, 81%
CMY	0.1961, 0.2863, 0.1882
CMYK	0.01, 0.12, 0.00, 0.19
HSL	295°, 21%, 76%
HSV	295°, 12%, 81%
XYZ	53.1673, 50.9400, 66.0617
YIQ	191.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

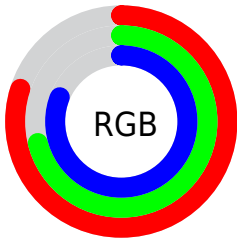
Format	Color
R _Y B	205, 182, 207
Decimal	13481679
CIE Lab	76.64, 12.65, -9.59
CIE LCh	77, 15.875, 322.857
Yxy	50.9400, 0.3124, 0.2993
Android (android.graphics.Color)	4291671759 (0xFFCDB6CF)
YUV	191.7270, 7.5296, 11.6404
Hunter-Lab	71.3723, 8.0684, -4.9179

Details

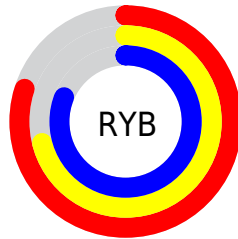
The XYZ color **53.1673, 50.9400, 66.0617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5253, 58.1947, 52.8282**, and the grayscale version is **49.9002, 52.4989, 57.1713**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **26.3625, 24.5797, 33.4919** is the 20% darker color. If you saturate the color by 10%, you get **48.7836, 42.8464, 64.7313**, and if you desaturate by 10%, it is **58.1854, 60.2937, 67.6034**.

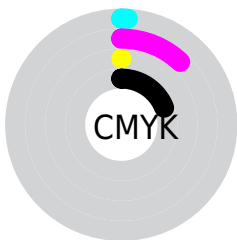
Distribution



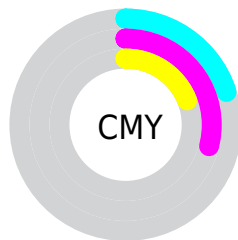
- Red (80%)
- Green (71%)
- Blue (81%)



- Red (80%)
- Yellow (71%)
- Blue (81%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1673, 50.9400, 66.0617 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 53.1673, 50.9400, 66.0617 by changing the saturation by 10% instead.

■ 53.1673, 50.9400,
66.0617

■ 53.1673, 50.9400,
66.0617

389.1770,
390.3306, 465.0077

■ 38.1644, 36.1609,
47.8657

■ 94.0146, 91.5661,
115.2027

■ 26.2881, 24.5585,
33.3613

120.5896,
118.1818, 146.9848

■ 17.1731, 15.7484,
22.1300

151.7528,
149.5118, 184.1327

■ 10.4540, 9.3463,
13.7532

187.8693,
185.9406, 227.0649

■ 5.7656, 4.9677,
7.8124

229.3047,
227.8525, 276.2000

■ 2.7424, 2.2283,
3.8891

276.4242,

■ 1.0190, 0.7354,

275.6318, 331.9565

1.5647

329.5932,
329.6631, 394.7529

■ 0.0000, 0.0000,
0.2655

■ 0.0000, 0.0000,
0.0000

■ 53.1673, 50.9400,
66.0617

■ 53.1673, 50.9400,
66.0617

■ 48.7836, 42.8464,
64.7313

■ 58.1854, 60.2937,
67.6034

■ 45.0025, 35.9516,
63.5997

■ 63.8593, 70.9524,
69.3617

■ 41.7960, 30.1990,
62.6584

■ 70.2145, 82.9668,
71.3458

■ 39.1323, 25.5246,
61.8965

■ 74.0661, 89.9665,
72.4938

■ 36.9762, 21.8585,
61.3025

■ 74.5449, 90.2133,
72.5162

■ 35.2885, 19.1223,
60.8633

■ 75.0285, 90.4626,
72.5389

■ 34.0244, 17.2261,
60.5640

■ 75.5171, 90.7145,
72.5617

■ 33.1300, 16.0621,
60.3864

■ 76.0106, 90.9689,
72.5848

■ 32.6084, 15.5092,
60.3072

■ 76.5091, 91.2259,
72.6082

Harmonies

Analogous

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



50.6947, 50.9400, 72.1422



53.1673, 50.9400, 66.0617



54.3755, 50.9400, 57.5469

Triad

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



53.1673, 50.9400, 66.0617



49.1385, 50.9400, 40.6209



43.2885, 50.9400, 62.1398

Complementary

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



53.1673, 50.9400, 66.0617



50.5253, 58.1947, 52.8282

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.



42.9104, 50.9400, 53.4339



53.1673, 50.9400, 66.0617



46.2084, 50.9400, 41.5791

Square

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



53.1673, 50.9400, 66.0617



51.9879, 50.9400, 43.2993



43.9583, 50.9400, 46.0668



45.0133, 50.9400, 69.7195

Rectangle

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



53.1673, 50.9400, 66.0617



54.2676, 50.9400, 51.8659



43.9583, 50.9400, 46.0668



43.0027, 50.9400, 59.2268

Sweetspot

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



53.1688, 50.9422, 66.0628



91.5824, 93.5094, 107.8300



47.7138, 48.7681, 65.9307



19.4669, 19.7618, 23.0383



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.



53.1688, 50.9422, 66.0628



83.6570, 78.7621, 105.4011



52.4920, 50.7356, 59.6013



12.2136, 11.9590, 14.9082



20.5821, 9.7908, 37.9975



1.1791, 0.5620, 2.1259

Inverse Universe

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



51.1135, 50.1842, 52.3423



79.8556, 77.3620, 79.9403



51.1666, 58.3963, 58.6883



11.8466, 11.8234, 12.4679



16.2881, 8.3881, 1.1572



0.9244, 0.4745, 0.1366

Previews

White Background



This preview shows how the XYZ color 53.1673, 50.9400, 66.0617 looks on a white background.

Color Contrast Check

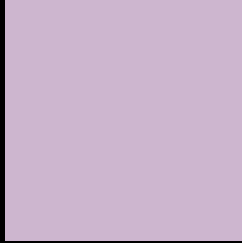
Large Text (above 18pt) WCAG AA × Fail

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 53.1673, 50.9400, 66.0617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

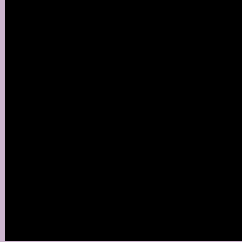
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1673, 50.9400, 66.0617

Background



This preview shows how black text looks on a background with the XYZ color 53.1673, 50.9400, 66.0617.



This preview shows how white text looks on a background with the XYZ color 53.1673, 50.9400,

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

53.1673, 50.9400, 66.0617

Protanopia

49.9908, 51.1087, 68.8582

Deuteranopia

52.2224, 51.0653, 66.1357



Tritanopia

52.2354, 51.1956, 60.5547

Trichromacy



Original Color

53.1673, 50.9400, 66.0617

Protanomaly

51.1841, 51.1084, 68.1400

Deuteranomaly

52.5531, 50.9285, 66.0918

Tritanomaly

52.3779, 50.9214, 62.3265

Monochromacy



Original Color

53.1673, 50.9400, 66.0617

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0872, 51.8680, 60.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1673, 50.9400, 66.0617 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(205, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 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(205, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.1673, 50.9400, 66.0617 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(205, 182, 207) }
```


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

```
.border{ border-color:rgb(205, 182, 207) }
```

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

Here you see how a box with a 4 pixel rgb(205, 182, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1673, 50.9400, 66.0617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 207) }
```

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

```
.background{ background-color: rgb(205,  
182, 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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