

Converting Colors

XYZ(53.4801, 50.8306, 82.2968)

Have a look what the booklet for
XYZ(53.4801, 50.8306, 82.2968)
contains.

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Color

**XYZ(53.3999, 50.6948,
82.5719)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B6E7
RGB	194, 182, 231
RGB Percent	76%, 71%, 91%
CMY	0.2392, 0.2863, 0.0941
CMYK	0.16, 0.21, 0.00, 0.09
HSL	255°, 51%, 81%
HSV	255°, 21%, 91%
XYZ	53.3999, 50.6948, 82.5719
YIQ	191.1740, -8.5770, 17.7830

Conversions

Conversions Part 2

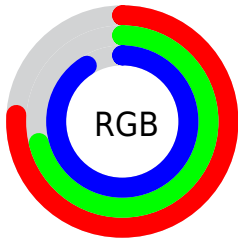
Format	Color
R_{YB}	194, 182, 231
Decimal	12760807
CIE _{Lab}	76.49, 13.90, -22.91
CIE _{LCh}	76, 26.797, 301.236
Yxy	50.6948, 0.2861, 0.2716
Android (android.graphics.Color)	4290950887 (0xFFC2B6E7)
YUV	191.1740, 19.6342, 2.4784
Hunter-Lab	71.2003, 9.2737, -18.9192

Details

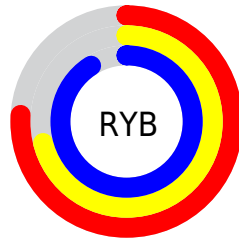
The XYZ color **53.3999, 50.6948, 82.5719** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2346, 75.5906, 55.3578**, and the grayscale version is **49.5168, 52.0955, 56.7320**.

A 20% lighter version of the original color is **88.4082, 88.8783, 107.1034**, and **26.4033, 24.3711, 43.8699** is the 20% darker color. If you saturate the color by 10%, you get **44.8367, 39.8283, 80.9266**, and if you desaturate by 10%, it is **63.2722, 63.3970, 84.5042**.

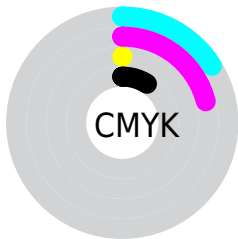
Distribution



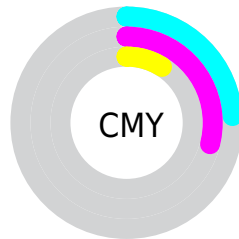
- Red (76%)
- Green (71%)
- Blue (91%)



- Red (76%)
- Yellow (71%)
- Blue (91%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3999, 50.6948, 82.5719 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 53.3999, 50.6948, 82.5719 by changing the saturation by 10% instead.

■ 53.3999, 50.6948,
82.5719

■ 53.3999, 50.6948,
82.5719

390.0533,
389.3769, 523.4922

■ 38.3509, 35.9658,
61.2985

■ 94.3546, 91.2035,
138.8196

■ 26.4336, 24.4078,
44.0340

120.9910,
117.7519, 174.6309

■ 17.2827, 15.6364,
30.3598

152.2206,
149.0090, 216.1253

■ 10.5328, 9.2672,
19.8575

188.4087,
185.3590, 263.7214

■ 5.8186, 4.9159,
12.1085

229.9206,
227.1864, 317.8375

■ 2.7747, 2.1980,
6.6942

277.1218,

■ 1.0358, 0.7189,

274.8756, 378.8924

3.1960

330.3776,
328.8109, 447.3044

■ 0.0000, 0.0000,
1.1956

■ 0.0000, 0.0000,
0.0000

■ 53.3999, 50.6948,
82.5719

■ 53.3999, 50.6948,
82.5719

■ 44.8367, 39.8283,
80.9266

■ 63.2722, 63.3970,
84.5042

■ 37.5215, 30.7055,
79.5513

■ 74.5015, 78.0088,
86.7327

■ 31.3952, 23.2357,
78.4323

■ 87.1393, 94.6076,
89.2705

■ 26.3920, 17.3174,
77.5537

■ 91.4240, 98.5496,
89.8055

■ 22.4392, 12.8376,
76.8973

■ 19.4552, 9.6676,
76.4427

■ 17.3443, 7.6544,
76.1654

■ 16.0866, 6.6267,
76.0333

Harmonies

Analogous

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



48.3938, 50.6948, 87.9523



53.3999, 50.6948, 82.5719



57.2126, 50.6948, 69.6995

Triad

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



53.3999, 50.6948, 82.5719



53.0120, 50.6948, 34.2224



39.1084, 50.6948, 55.8006

Complementary

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



53.3999, 50.6948, 82.5719



66.2346, 75.5906, 55.3578

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.



40.1588, 50.6948, 42.8619



53.3999, 50.6948, 82.5719



47.9746, 50.6948, 31.7907

Square

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



53.3999, 50.6948, 82.5719



56.9779, 50.6948, 41.9894



43.3191, 50.6948, 34.6608



40.3447, 50.6948, 70.9214

Rectangle

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



53.3999, 50.6948, 82.5719



58.4384, 50.6948, 59.5470



43.3191, 50.6948, 34.6608



39.2052, 50.6948, 51.0661

Sweetspot

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



53.4015, 50.6969, 82.5730



86.2383, 88.4979, 107.1443



59.1965, 66.6754, 85.3518



18.2614, 18.6858, 22.8942



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.



53.4015, 50.6969, 82.5730



62.4285, 57.8361, 102.4809



60.0469, 54.1227, 82.8840



13.9117, 14.0567, 18.1243



9.1125, 3.7635, 42.6293



0.7561, 0.3207, 3.1540

Inverse Universe

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



62.4708, 55.5614, 74.4519



75.5630, 64.8858, 90.5050



59.5440, 72.1415, 55.0447



14.8363, 14.5517, 17.3386



22.8335, 11.2676, 23.8159



1.7234, 0.8471, 1.9500

Previews

White Background



This preview shows how the XYZ color 53.3999, 50.6948, 82.5719 looks on a white background.

Color Contrast Check

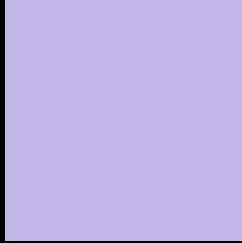
Large Text (above 18pt) WCAG AA × Fail

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 53.3999, 50.6948, 82.5719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

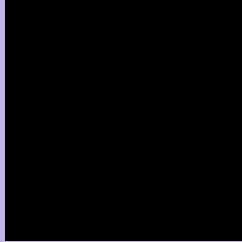
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3999, 50.6948, 82.5719

Background



This preview shows how black text looks on a background with the XYZ color 53.3999, 50.6948, 82.5719.



This preview shows how white text looks on a background with the XYZ color 53.3999, 50.6948,

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

53.3999, 50.6948, 82.5719

Protanopia

50.7531, 50.8283, 84.9778

Deuteranopia

51.8816, 50.8502, 81.9435



Tritanopia

49.4173, 50.6237, 63.0439

Trichromacy



Original Color

53.3999, 50.6948, 82.5719

Protanomaly

51.5854, 50.6484, 84.1481

Deuteranomaly

52.4097, 50.8130, 81.9085

Tritanomaly

50.8451, 50.5784, 70.0336

Monochromacy



Original Color

53.3999, 50.6948, 82.5719

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8620, 51.6291, 65.6772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3999, 50.6948, 82.5719 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(194, 182, 231)` looks like.

```
.text, #text, p{  
    color:rgb(194, 182, 231)  
}
```

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(194, 182, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 182, 231) }
```

Border

The CSS property to change the border of an element to XYZ 53.3999, 50.6948, 82.5719 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(194, 182, 231) }
```


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

```
.border{ border-color:rgb(194, 182, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 182, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 182, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 182, 231); box-shadow:4px 4px 4px 4px rgb(194, 182, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3999, 50.6948, 82.5719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 182, 231) }
```

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

```
.background{ background-color: rgb(194,  
182, 231) }
```

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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