

Converting Colors

XYZ(52.4830, 53.1445, 64.0007)

Have a look what the booklet for
XYZ(52.4830, 53.1445, 64.0007)
contains.

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Color

**XYZ(52.4817, 53.1445,
63.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BECB
RGB	198, 190, 203
RGB Percent	78%, 75%, 80%
CMY	0.2235, 0.2549, 0.2039
CMYK	0.02, 0.06, 0.00, 0.20
HSL	277°, 11%, 77%
HSV	277°, 6%, 80%
XYZ	52.4817, 53.1445, 63.9917
YIQ	193.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

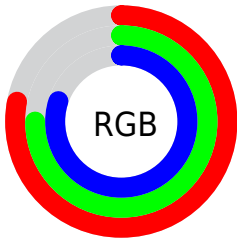
Format	Color
R_{YB}	198, 190, 203
Decimal	13024971
CIE Lab	77.96, 5.20, -5.53
CIE LCh	78, 7.586, 313.238
Yxy	53.1445, 0.3094, 0.3133
Android (android.graphics.Color)	4291215051 (0xFFC6BECB)
YUV	193.8740, 4.4991, 3.6185
Hunter-Lab	72.9003, 0.9286, -1.0144

Details

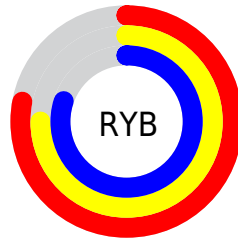
The XYZ color **52.4817, 53.1445, 63.9917** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1578, 58.0330, 57.1176**, and the grayscale version is **51.1790, 53.8443, 58.6364**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **25.8721, 25.9905, 32.0868** is the 20% darker color. If you saturate the color by 10%, you get **46.3824, 43.9226, 62.5340**, and if you desaturate by 10%, it is **59.3026, 63.6504, 65.6608**.

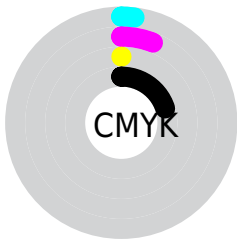
Distribution



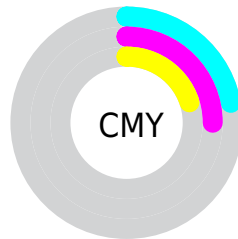
- Red (78%)
- Green (75%)
- Blue (80%)



- Red (78%)
- Yellow (75%)
- Blue (80%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4817, 53.1445, 63.9917 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 52.4817, 53.1445, 63.9917 by changing the saturation by 10% instead.

■ 52.4817, 53.1445,
63.9917

■ 52.4817, 53.1445,
63.9917

386.5869,
398.8393, 457.3663

■ 37.6150, 37.9181,
46.1978

■ 93.0113, 94.8170,
112.1983

■ 25.8599, 25.9192,
32.0522

119.4049,
122.0319, 143.4482

■ 16.8510, 16.7632,
21.1362

150.3715,
154.0117, 180.0204

■ 10.2229, 10.0658,
13.0314

186.2764,
191.1409, 222.3335

■ 5.6104, 5.4426,
7.3192

227.4851,
233.8039, 270.8062

■ 2.6481, 2.5092,
3.5810

274.3628,

■ 0.9705, 0.8812,

282.3850, 325.8568

1.3984

327.2750,
337.2687, 387.9040

■ 0.0000, 0.0000,
0.1405

■ 0.0000, 0.0000,
0.0000

■ 52.4817, 53.1445,
63.9917

■ 52.4817, 53.1445,
63.9917

■ 46.3824, 43.9226,
62.5340

■ 59.3026, 63.6504,
65.6608

■ 40.9733, 35.9268,
61.2757

■ 66.8658, 75.4818,
67.5459

■ 36.2274, 29.1046,
60.2090

■ 75.1967, 88.6865,
69.6556

■ 32.1142, 23.3973,
59.3242

■ 78.9288, 92.5291,
70.2006

■ 28.6002, 18.7408,
58.6106

■ 81.4805, 93.8445,
70.3200

■ 25.6489, 15.0642,
58.0565

■ 84.1457, 95.2185,
70.4447

■ 23.2189, 12.2877,
57.6487

■ 86.9260, 96.6518,
70.5748

■ 21.2625, 10.3186,
57.3717

■ 87.7796, 97.0919,
70.6148

■ 19.7189, 9.0379,
57.2059

Harmonies

Analogous

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



51.1650, 53.1445, 66.1444



52.4817, 53.1445, 63.9917



53.2791, 53.1445, 60.2415

Triad

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



52.4817, 53.1445, 63.9917



51.3353, 53.1445, 50.4255



47.7994, 53.1445, 59.7469

Complementary

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



52.4817, 53.1445, 63.9917



53.1578, 58.0330, 57.1176

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.



47.8429, 53.1445, 55.5525



52.4817, 53.1445, 63.9917



49.8650, 53.1445, 50.3076

Square

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



52.4817, 53.1445, 63.9917



52.6084, 53.1445, 52.4735



48.5927, 53.1445, 52.1430



48.4725, 53.1445, 63.6145

Rectangle

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



52.4817, 53.1445, 63.9917



53.3994, 53.1445, 57.4074



48.5927, 53.1445, 52.1430



47.7311, 53.1445, 58.3257

Sweetspot

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



52.4832, 53.1468, 63.9929



92.7264, 96.4189, 108.3312



51.5767, 54.3810, 64.2789



19.8717, 20.6751, 23.1933



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.



52.4832, 53.1468, 63.9929



86.0555, 86.2098, 106.7123



53.6688, 53.7758, 63.2431



11.2533, 11.1799, 14.1352



12.3382, 5.5681, 36.3807



0.7196, 0.3301, 1.8807

Inverse Universe

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



52.8942, 53.4659, 59.1644



86.9283, 86.8856, 96.5462



52.0301, 57.4352, 57.8098



11.3880, 11.2839, 12.5776



16.5922, 8.4475, 5.5710



0.8928, 0.4505, 0.4812

Previews

White Background



This preview shows how the XYZ color 52.4817, 53.1445, 63.9917 looks on a white background.

Color Contrast Check

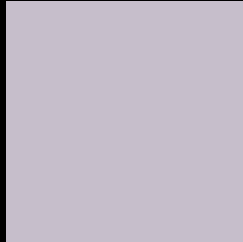
Large Text (above 18pt) WCAG AA × Fail

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 52.4817, 53.1445, 63.9917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

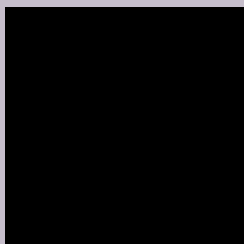
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4817, 53.1445, 63.9917

Background



This preview shows how black text looks on a background with the XYZ color 52.4817, 53.1445, 63.9917.

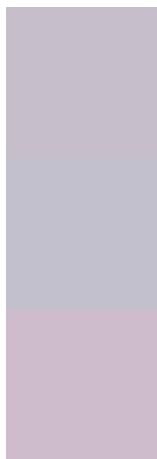


This preview shows how white text looks on a background with the XYZ color 52.4817, 53.1445,

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

52.4817, 53.1445, 63.9917

Protanopia

51.7410, 53.3964, 64.7062

Deuteranopia

54.1230, 53.0221, 64.5084



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

52.4817, 53.1445, 63.9917

Protanomaly

52.0356, 53.2233, 64.6573

Deuteranomaly

53.5109, 53.0226, 64.5408

Tritanomaly

52.6012, 53.1923, 64.6215

Monochromacy



Original Color

52.4817, 53.1445, 63.9917

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6537, 53.7732, 60.4802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4817, 53.1445, 63.9917 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(198, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 203)  
}
```

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(198, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.4817, 53.1445, 63.9917 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(198, 190, 203) }
```


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

```
.border{ border-color:rgb(198, 190, 203) }
```

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

Here you see how a box with a 4 pixel rgb(198, 190, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4817, 53.1445, 63.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 203) }
```

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

```
.background{ background-color: rgb(198,  
190, 203) }
```

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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