

Converting Colors

XYZ(46.7609, 44.9295, 60.1885)

Have a look what the booklet for
XYZ(46.7609, 44.9295, 60.1885)
contains.

XYZ(46.7996, 44.8350, 60.2203)	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(46.7996, 44.8350,
60.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ACC7
RGB	192, 172, 199
RGB Percent	75%, 67%, 78%
CMY	0.2471, 0.3255, 0.2196
CMYK	0.04, 0.14, 0.00, 0.22
HSL	284°, 19%, 73%
HSV	284°, 14%, 78%
XYZ	46.7996, 44.8350, 60.2203
YIQ	181.0580, 3.2530, 12.6370

Conversions

Conversions Part 2

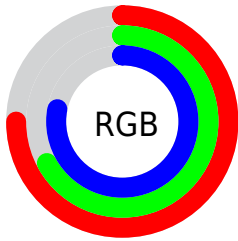
Format	Color
R _Y B	192, 172, 199
Decimal	12627143
CIE Lab	72.78, 12.14, -11.09
CIE LCh	73, 16.445, 317.574
Yxy	44.8350, 0.3082, 0.2952
Android (android.graphics.Color)	4290817223 (0xFFC0ACC7)
YUV	181.0580, 8.8454, 9.5961
Hunter-Lab	66.9589, 7.5808, -6.4519

Details

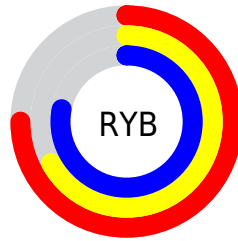
The XYZ color **46.7996, 44.8350, 60.2203** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.4618, 53.4103, 46.8923**, and the grayscale version is **43.9059, 46.1924, 50.3036**.

A 20% lighter version of the original color is **84.2305, 82.1146, 106.0180**, and **22.3085, 20.8805, 29.6426** is the 20% darker color. If you saturate the color by 10%, you get **42.0090, 37.1588, 58.9918**, and if you desaturate by 10%, it is **52.2058, 53.6729, 61.6419**.

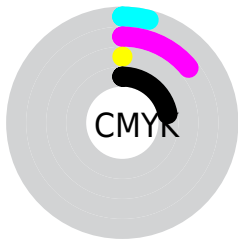
Distribution



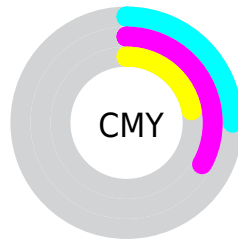
- Red (75%)
- Green (67%)
- Blue (78%)



- Red (75%)
- Yellow (67%)
- Blue (78%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7996, 44.8350, 60.2203 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 46.7996, 44.8350, 60.2203 by changing the saturation by 10% instead.

■ 46.7996, 44.8350,
60.2203

■ 46.7996, 44.8350,
60.2203

364.6763,
366.1049, 443.2365

■ 33.0845, 31.3275,
43.1698

■ 84.6350, 82.4728,
106.6957

■ 22.3508, 20.8483,
29.6860

109.4860,
107.3718, 136.9576

■ 14.2329, 13.0132,
19.3503

138.7797,
136.8368, 172.4604

■ 8.3656, 7.4376,
11.7443

172.8815,
171.2521, 213.6226

■ 4.3835, 3.7373,
6.4494

212.1567,
211.0022, 260.8628

■ 1.9213, 1.5277,
3.0470

256.9707,

■ 0.5892, 0.3081,

256.4714, 314.5995

1.1187

307.6888,
308.0442, 375.2512

■ 0.0000, 0.0000,
0.0000

■ 46.7996, 44.8350,
60.2203

■ 46.7996, 44.8350,
60.2203

■ 42.0090, 37.1588,
58.9918

■ 52.2058, 53.6729,
61.6419

■ 37.8045, 30.5880,
57.9451

■ 58.2476, 63.7142,
63.2617

■ 34.1598, 25.0703,
57.0722

■ 64.9490, 75.0053,
65.0879

■ 31.0451, 20.5469,
56.3632

■ 72.3315, 87.5886,
67.1276

■ 28.4278, 16.9528,
55.8075

■ 74.9223, 90.5180,
67.5565

■ 26.2710, 14.2155,
55.3928

■ 76.4876, 91.3250,
67.6297

■ 24.5327, 12.2514,
55.1053

■ 78.1013, 92.1569,
67.7052

■ 23.1621, 10.9595,
54.9282

■ 79.7639, 93.0140,
67.7830

■ 22.4146, 10.3643,
54.8527

■ 81.4757, 93.8964,
67.8632

Harmonies

Analogous

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



44.2947, 44.8350, 65.4060



46.7996, 44.8350, 60.2203



48.2078, 44.8350, 52.2821

Triad

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



46.7996, 44.8350, 60.2203



43.8074, 44.8350, 35.0080



37.5885, 44.8350, 53.7242

Complementary

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



46.7996, 44.8350, 60.2203



46.4618, 53.4103, 46.8923

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.



37.4712, 44.8350, 45.5098



46.7996, 44.8350, 60.2203



40.9769, 44.8350, 35.3019

Square

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



46.7996, 44.8350, 60.2203



46.4292, 44.8350, 38.1003



38.6863, 44.8350, 38.9538



39.0144, 44.8350, 61.3771

Rectangle

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



46.7996, 44.8350, 60.2203



48.2955, 44.8350, 46.7731



38.6863, 44.8350, 38.9538



37.3971, 44.8350, 50.9211

Sweetspot

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



46.8009, 44.8369, 60.2213



90.9157, 93.1657, 107.7988



43.4840, 45.2165, 60.4694



19.2977, 19.6745, 23.0304



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.



46.8009, 44.8369, 60.2213



79.6020, 74.7231, 104.8353



47.8992, 45.4859, 56.5330



10.8044, 10.6729, 13.4081



14.4982, 6.7083, 35.2751



0.7513, 0.3511, 1.6733

Inverse Universe

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



46.4439, 44.9038, 48.8692



78.8976, 74.8786, 81.3702



45.5043, 52.8451, 50.0812



10.7449, 10.6813, 11.6397



15.5688, 7.9771, 2.9391



0.7678, 0.3900, 0.3006

Previews

White Background



This preview shows how the XYZ color 46.7996, 44.8350, 60.2203 looks on a white background.

Color Contrast Check

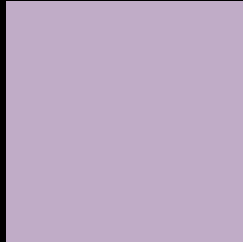
Large Text (above 18pt) WCAG AA × Fail

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 46.7996, 44.8350, 60.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

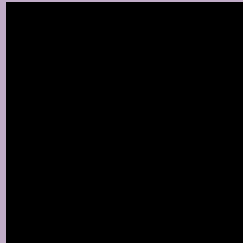
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7996, 44.8350, 60.2203

Background



This preview shows how black text looks on a background with the XYZ color 46.7996, 44.8350, 60.2203.



This preview shows how white text looks on a background with the XYZ color 46.7996, 44.8350,

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

46.7996, 44.8350, 60.2203

Protanopia

44.0620, 44.8225, 62.2064

Deuteranopia

45.9384, 44.9604, 60.2898



Tritanopia

45.4484, 44.8501, 53.8385

Trichromacy



Original Color

46.7996, 44.8350, 60.2203

Protanomaly

44.9286, 44.7007, 61.5185

Deuteranomaly

46.2386, 44.8295, 60.2487

Tritanomaly

45.9439, 44.7693, 56.0890

Monochromacy



Original Color

46.7996, 44.8350, 60.2203

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0051, 45.7859, 54.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7996, 44.8350, 60.2203 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(192, 172, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 199)  
}
```

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(192, 172, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 199) }
```

Border

The CSS property to change the border of an element to XYZ 46.7996, 44.8350, 60.2203 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(192, 172, 199) }
```


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

```
.border{ border-color:rgb(192, 172, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7996, 44.8350, 60.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 199) }
```

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

```
.background{ background-color: rgb(192,  
172, 199) }
```

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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