

Converting Colors

XYZ(28.4671, 28.5170, 47.7200)

Have a look what the booklet for
XYZ(28.4671, 28.5170, 47.7200)
contains.

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Color

**XYZ(28.4671, 28.5170,
47.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	8890B5
RGB	136, 144, 181
RGB Percent	53%, 56%, 71%
CMY	0.4667, 0.4353, 0.2902
CMYK	0.25, 0.20, 0.00, 0.29
HSL	229°, 23%, 62%
HSV	229°, 25%, 71%
XYZ	28.4671, 28.5170, 47.7200
YIQ	145.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

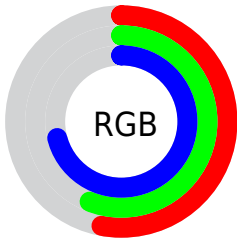
Format	Color
RYB	136, 143, 181
Decimal	8949941
CIELab	60.35, 5.42, -20.28
CIElCh	60, 20.988, 284.979
Yxy	28.5170, 0.2719, 0.2724
Android (android.graphics.Color)	4287140021 (0xFF8890B5)
YUV	145.8260, 17.3408, -8.6174
Hunter-Lab	53.4013, 1.7022, -15.6013

Details

The XYZ color **28.4671, 28.5170, 47.7200** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.4439, 41.4885, 29.2752**, and the grayscale version is **27.1873, 28.6032, 31.1488**.

A 20% lighter version of the original color is **56.7153, 57.4497, 88.2205**, and **11.6453, 11.4952, 22.0271** is the 20% darker color. If you saturate the color by 10%, you get **23.6648, 22.9135, 46.8920**, and if you desaturate by 10%, it is **34.0648, 34.9730, 48.6716**.

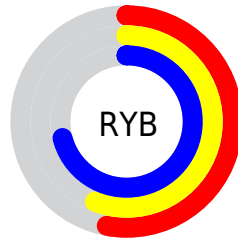
Distribution



Red (53%)

Green (56%)

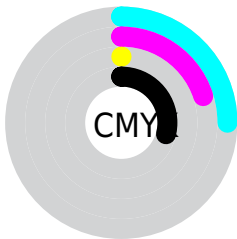
Blue (71%)



Red (53%)

Yellow (56%)

Blue (71%)

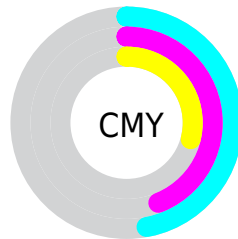


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4671, 28.5170, 47.7200 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 28.4671, 28.5170, 47.7200 by changing the saturation by 10% instead.

■ 28.4671, 28.5170,
47.7200

■ 28.4671, 28.5170,
47.7200

286.7320,
294.9292, 394.1578

■ 18.8203, 18.7157,
33.2468

■ 56.6328, 57.3088,
88.1486

■ 11.6437, 11.4651,
22.0429

■ 75.8824, 77.0681,
114.9410

■ 6.5721, 6.3806,
13.6898

■ 99.0636, 100.9156,
146.6769

■ 3.2399, 3.0778,
7.7690

126.5419,
129.2357, 183.7749

■ 1.2818, 1.1725,
3.8618

158.6825,
162.4126, 226.6534

■ 0.1696, 0.0391,
1.5499

195.8508,

■ 0.0000, 0.0000,

200.8310, 275.7311

0.2547

238.4122,
244.8750, 331.4264

■ 0.0000, 0.0000,
0.0000

■ 28.4671, 28.5170,
47.7200

■ 28.4671, 28.5170,
47.7200

■ 23.6648, 22.9135,
46.8920

■ 34.0648, 34.9730,
48.6716

■ 19.6186, 18.1231,
46.1806

■ 40.4893, 42.3118,
49.7495

■ 16.2902, 14.1084,
45.5811

■ 47.7735, 50.5665,
50.9589

■ 13.6365, 10.8277,
45.0878

■ 55.9477, 59.7673,
52.3040

■ 11.6098, 8.2353,
44.6942

■ 65.0408, 69.9431,
53.7889

■ 10.1558, 6.2799,
44.3934

■ 75.0804, 81.1216,
55.4174

■ 9.2101, 4.9025,
44.1774

■ 83.2020, 91.8390,
57.0580

■ 8.8620, 4.3792,
44.0947

■ 85.3406, 96.1162,
57.7709

Harmonies

Analogous

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



25.7827, 28.5170, 47.7163



28.4671, 28.5170, 47.7200



30.9378, 28.5170, 42.7848

Triad

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



28.4671, 28.5170, 47.7200



30.9407, 28.5170, 21.6911



22.3982, 28.5170, 27.3580

Complementary

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



28.4671, 28.5170, 47.7200



38.4439, 41.4885, 29.2752

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.



23.6018, 28.5170, 21.6851



28.4671, 28.5170, 47.7200



28.4709, 28.5170, 18.8016

Square

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



28.4671, 28.5170, 47.7200



32.4290, 28.5170, 27.3676



25.7862, 28.5170, 18.7996



22.3974, 28.5170, 35.0491

Rectangle

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



28.4671, 28.5170, 47.7200



32.0804, 28.5170, 37.7646



25.7862, 28.5170, 18.7996



22.6718, 28.5170, 25.1828

Sweetspot

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



28.4680, 28.5181, 47.7207



69.7867, 72.6726, 88.6437



34.1965, 41.2900, 45.5764



14.9339, 15.5367, 19.1340



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.4680, 28.5181, 47.7207



45.9626, 45.2303, 84.6024



29.7691, 27.4531, 47.4465



8.1601, 8.4664, 10.7104



6.1464, 3.0932, 30.4101



0.2301, 0.1708, 0.9691

Inverse Universe

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



32.8950, 29.4465, 30.3368



55.3532, 47.3876, 47.6855



36.8520, 43.0142, 29.6536



8.5560, 8.5291, 9.1604



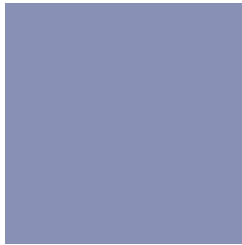
13.3371, 6.8524, 1.6691



0.4382, 0.2230, 0.1502

Previews

White Background



This preview shows how the XYZ color 28.4671, 28.5170, 47.7200 looks on a white background.

Color Contrast Check

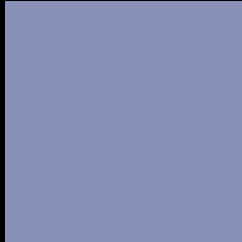
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4671, 28.5170, 47.7200 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 × Fail

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

XYZ 28.4671, 28.5170, 47.7200

Background



This preview shows how black text looks on a background with the XYZ color 28.4671, 28.5170, 47.7200.



This preview shows how white text looks on a background with the XYZ color 28.4671, 28.5170,

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

28.4671, 28.5170, 47.7200

Protanopia

28.4671, 28.5170, 47.7200

Deuteranopia

28.9980, 28.3449, 47.6588



Tritanopia

26.4508, 28.6234, 37.3885

Trichromacy



Original Color

28.4671, 28.5170, 47.7200

Protanomaly

28.4671, 28.5170, 47.7200

Deuteranomaly

28.8104, 28.4701, 47.6929

Tritanomaly

27.1745, 28.6811, 41.1496

Monochromacy



Original Color

28.4671, 28.5170, 47.7200

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5387, 28.5048, 36.8514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4671, 28.5170, 47.7200 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(136, 144, 181)` looks like.

```
.text, #text, p{  
    color:rgb(136, 144, 181)  
}
```

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(136, 144, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 144, 181) }
```

Border

The CSS property to change the border of an element to XYZ 28.4671, 28.5170, 47.7200 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(136, 144, 181) }
```


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

```
.border{ border-color:rgb(136, 144, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 144, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 144, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 144, 181);  
box-shadow:4px 4px 4px 4px rgb(136, 144,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4671, 28.5170, 47.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 144, 181) }
```

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

```
.background{ background-color: rgb(136,  
144, 181) }
```

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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