

Converting Colors

XYZ(28.5140, 28.1233, 48.2906)

Have a look what the booklet for
XYZ(28.5140, 28.1233, 48.2906)
contains.

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Color

**XYZ(28.4330, 28.0418,
48.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	898EB6
RGB	137, 142, 182
RGB Percent	54%, 56%, 71%
CMY	0.4627, 0.4431, 0.2863
CMYK	0.25, 0.22, 0.00, 0.29
HSL	233°, 24%, 63%
HSV	233°, 25%, 71%
XYZ	28.4330, 28.0418, 48.1700
YIQ	145.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

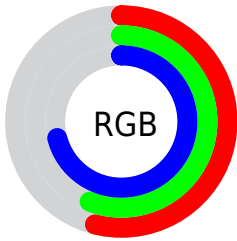
Format	Color
RYB	137, 142, 182
Decimal	9014966
CIELab	59.93, 7.13, -21.49
CIElCh	60, 22.639, 288.356
Yxy	28.0418, 0.2717, 0.2680
Android (android.graphics.Color)	4287205046 (0xFF898EB6)
YUV	145.0650, 18.2090, -7.0730
Hunter-Lab	52.9545, 3.1721, -16.8649

Details

The XYZ color **28.4330, 28.0418, 48.1700** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.5291, 43.1955, 29.9218**, and the grayscale version is **26.8737, 28.2733, 30.7896**.

A 20% lighter version of the original color is **56.6584, 56.7293, 88.8525**, and **11.6273, 11.2177, 22.3213** is the 20% darker color. If you saturate the color by 10%, you get **23.4628, 22.1626, 47.2976**, and if you desaturate by 10%, it is **34.2576, 34.8813, 49.1836**.

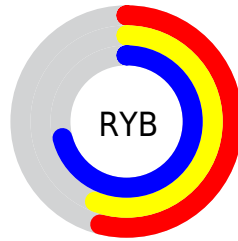
Distribution



Red (54%)

Green (56%)

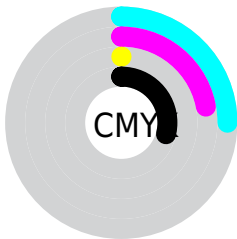
Blue (71%)



Red (54%)

Yellow (56%)

Blue (71%)

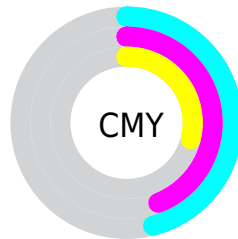


Cyan (25%)

Magenta (22%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4330, 28.0418, 48.1700 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 28.4330, 28.0418, 48.1700 by changing the saturation by 10% instead.

■ 28.4330, 28.0418,
48.1700

■ 28.4330, 28.0418,
48.1700

286.5729,
292.6666, 395.9937

■ 18.7944, 18.3572,
33.6006

■ 56.5788, 56.5512,
88.8256

■ 11.6250, 11.2067,
22.3121

■ 75.8168, 76.1447,
115.7490

■ 6.5592, 6.2061,
13.8859

■ 98.9853, 99.8100,
147.6273

■ 3.2319, 2.9708,
7.9035

126.4497,
127.9314, 184.8793

■ 1.2775, 1.1165,
3.9464

158.5752,
160.8934, 227.9233

■ 0.1663, 0.0000,
1.5960

195.7274,

■ 0.0000, 0.0000,

199.0803, 277.1781

0.2879

238.2715,
242.8766, 333.0620

■ 0.0000, 0.0000,
0.0000

■ 28.4330, 28.0418,
48.1700

■ 28.4330, 28.0418,
48.1700

■ 23.4628, 22.1626,
47.2976

■ 34.2576, 34.8813,
49.1836

■ 19.3040, 17.1974,
46.5584

■ 40.9715, 42.7181,
50.3424

■ 15.9142, 13.1011,
45.9464

■ 48.6107, 51.5911,
51.6525

■ 13.2456, 9.8232,
45.4544

■ 57.2088, 61.5364,
53.1189

■ 11.2454, 7.3083,
45.0744

■ 66.7974, 72.5881,
54.7467

■ 9.8532, 5.4937,
44.7975

■ 77.4067, 84.7790,
56.5407

■ 8.9973, 4.3065,
44.6135

■ 85.4436, 96.1574,
58.3133

■ 8.6978, 3.8858,
44.5481

Harmonies

Analogous

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



25.5521, 28.0418, 48.8235



28.4330, 28.0418, 48.1700



31.0036, 28.0418, 42.3146

Triad

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



28.4330, 28.0418, 48.1700



30.4998, 28.0418, 20.1591



21.5944, 28.0418, 27.4461

Complementary

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



28.4330, 28.0418, 48.1700



39.5291, 43.1955, 29.9218

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.



22.7295, 28.0418, 21.1700



28.4330, 28.0418, 48.1700



27.7848, 28.0418, 17.4976

Square

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



28.4330, 28.0418, 48.1700



32.2547, 28.0418, 25.8109



24.9487, 28.0418, 17.8309



21.7404, 28.0418, 35.7980

Rectangle

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



28.4330, 28.0418, 48.1700



32.1316, 28.0418, 36.7558



24.9487, 28.0418, 17.8309



21.8353, 28.0418, 25.0550

Sweetspot

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



28.4339, 28.0429, 48.1706



71.2160, 73.8771, 90.7419



34.9560, 41.9392, 47.7177



15.5644, 16.1248, 20.0137



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.4339, 28.0429, 48.1706



46.1541, 44.4690, 86.3865



30.7639, 28.1640, 48.0712



8.5993, 8.8759, 11.3394



6.1677, 2.7950, 31.4675



0.2440, 0.1518, 1.1182

Inverse Universe

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



33.1203, 29.7901, 29.5969



56.2437, 48.3572, 46.3691



36.7090, 43.2351, 30.0781



9.0441, 9.0280, 9.5797



13.7268, 7.0645, 1.1823



0.4973, 0.2544, 0.1124

Previews

White Background



This preview shows how the XYZ color 28.4330, 28.0418, 48.1700 looks on a white background.

Color Contrast Check

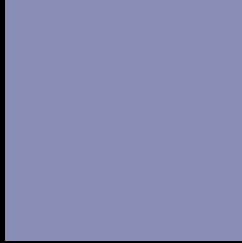
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4330, 28.0418, 48.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

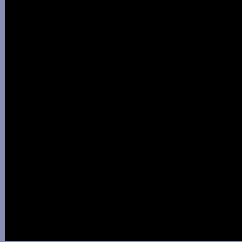
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4330, 28.0418, 48.1700

Background



This preview shows how black text looks on a background with the XYZ color 28.4330, 28.0418, 48.1700.



This preview shows how white text looks on a background with the XYZ color 28.4330, 28.0418,

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

28.4330, 28.0418, 48.1700

Protanopia

28.2012, 28.1322, 48.7434

Deuteranopia

28.6158, 27.9161, 48.1361



Tritanopia

25.9662, 27.9319, 36.3706

Trichromacy



Original Color

28.4330, 28.0418, 48.1700

Protanomaly

28.3614, 28.2147, 48.7509

Deuteranomaly

28.4496, 27.8304, 48.1283

Tritanomaly

26.9320, 28.1092, 40.5654

Monochromacy



Original Color

28.4330, 28.0418, 48.1700

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3001, 28.1659, 36.3454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4330, 28.0418, 48.1700 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(137, 142, 182)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 182)  
}
```

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(137, 142, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 182) }
```

Border

The CSS property to change the border of an element to XYZ 28.4330, 28.0418, 48.1700 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(137, 142, 182) }
```


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

```
.border{ border-color:rgb(137, 142, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 182);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4330, 28.0418, 48.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 182) }
```

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

```
.background{ background-color: rgb(137,  
142, 182) }
```

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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