

Converting Colors

XYZ(30.2936, 28.4948, 47.9038)

Have a look what the booklet for
XYZ(30.2936, 28.4948, 47.9038)
contains.

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Color

**XYZ(30.3993, 28.6176,
48.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	968CB6
RGB	150, 140, 182
RGB Percent	59%, 55%, 71%
CMY	0.4118, 0.4510, 0.2863
CMYK	0.18, 0.23, 0.00, 0.29
HSL	254°, 22%, 63%
HSV	254°, 23%, 71%
XYZ	30.3993, 28.6176, 48.1775
YIQ	147.7780, -7.5220, 15.1820

Conversions

Conversions Part 2

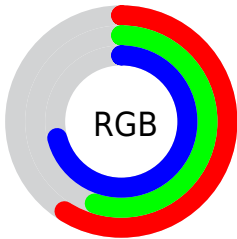
Format	Color
RYB	150, 140, 182
Decimal	9866422
CIELab	60.44, 12.44, -20.60
CIELCh	60, 24.070, 301.126
Yxy	28.6176, 0.2836, 0.2670
Android (android.graphics.Color)	4288056502 (0xFF968CB6)
YUV	147.7780, 16.8714, 1.9487
Hunter-Lab	53.4954, 7.8174, -15.9493

Details

The XYZ color **30.3993, 28.6176, 48.1775** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.4757, 44.1207, 31.3004**, and the grayscale version is **27.9909, 29.4486, 32.0695**.

A 20% lighter version of the original color is **59.9012, 57.7358, 88.8759**, and **12.7642, 11.5500, 22.3255** is the 20% darker color. If you saturate the color by 10%, you get **25.5543, 22.4938, 47.2513**, and if you desaturate by 10%, it is **35.9880, 35.7792, 49.2657**.

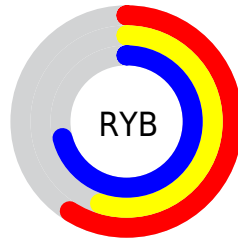
Distribution



Red (59%)

Green (55%)

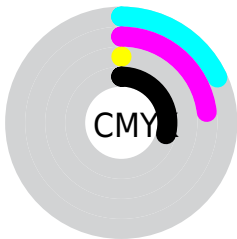
Blue (71%)



Red (59%)

Yellow (55%)

Blue (71%)

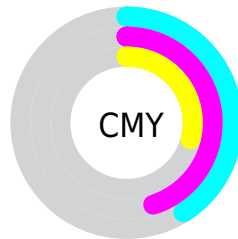


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3993, 28.6176, 48.1775 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 30.3993, 28.6176, 48.1775 by changing the saturation by 10% instead.

■ 30.3993, 28.6176,
48.1775

■ 30.3993, 28.6176,
48.1775

295.6378,
295.4064, 396.0243

■ 20.2914, 18.7917,
33.6065

■ 59.6754, 57.4690,
88.8369

■ 12.7166, 11.5199,
22.3165

■ 79.5743, 77.2633,
115.7624

■ 7.3093, 6.4177,
13.8891

■ 103.4676,
101.1492, 147.6431

■ 3.7043, 3.1007,
7.9057

131.7207,
129.5110, 184.8976

■ 1.5363, 1.1845,
3.9478

164.6989,
162.7333, 227.9445

■ 0.3503, 0.0490,
1.5967

202.7676,

■ 0.0000, 0.0000,

201.2004, 277.2021

0.2885

246.2921,
245.2966, 333.0892

■ 0.0000, 0.0000,
0.0000

■ 30.3993, 28.6176,
48.1775

■ 30.3993, 28.6176,
48.1775

■ 25.5543, 22.4938,
47.2513

■ 35.9880, 35.7792,
49.2657

■ 21.4181, 17.3555,
46.4775

■ 42.3477, 44.0203,
50.5212

■ 17.9572, 13.1514,
45.8485

■ 49.5078, 53.3849,
51.9514

■ 15.1339, 9.8239,
45.3550

■ 57.4951, 63.9132,
53.5626

■ 12.9069, 7.3090,
44.9869

■ 66.3354, 75.6437,
55.3609

■ 11.2295, 5.5334,
44.7326

■ 76.0531, 88.6128,
57.3520

■ 10.0472, 4.4103,
44.5782

■ 82.5863, 94.6845,
58.1796

■ 9.4538, 3.8982,
44.5106

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



27.3174, 28.6176, 51.5344



30.3993, 28.6176, 48.1775



32.7611, 28.6176, 40.1519

Triad

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



30.3993, 28.6176, 48.1775



30.1814, 28.6176, 18.4736



21.6650, 28.6176, 31.4962

Complementary

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



30.3993, 28.6176, 48.1775



38.4757, 44.1207, 31.3004

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.



22.3071, 28.6176, 23.6215



30.3993, 28.6176, 48.1775



27.0832, 28.6176, 17.0181

Square

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



30.3993, 28.6176, 48.1775



32.6287, 28.6176, 23.1419



24.2337, 28.6176, 18.7113



22.4098, 28.6176, 40.8436

Rectangle

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



30.3993, 28.6176, 48.1775



33.5251, 28.6176, 33.8683



24.2337, 28.6176, 18.7113



21.7254, 28.6176, 28.5995

Sweetspot

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



30.4002, 28.6188, 48.1781



71.9419, 73.5261, 90.6359



34.0502, 38.5349, 49.8998



15.7369, 16.0415, 19.9885



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.



30.4002, 28.6188, 48.1781



50.2087, 45.6629, 86.4033



34.5735, 30.7702, 48.3734



8.7160, 8.8199, 11.3225



6.7269, 2.7790, 31.4349



0.2938, 0.1272, 1.1108

Inverse Universe

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



36.1167, 31.6809, 43.2422



62.5871, 52.2997, 75.4411



34.2621, 41.9485, 31.1033



9.2870, 9.1252, 10.8589



16.9242, 8.3434, 18.0192



0.6191, 0.3031, 0.7536

Previews

White Background



This preview shows how the XYZ color 30.3993, 28.6176, 48.1775 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 30.3993, 28.6176, 48.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

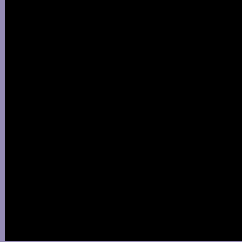
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3993, 28.6176, 48.1775

Background



This preview shows how black text looks on a background with the XYZ color 30.3993, 28.6176, 48.1775.



This preview shows how white text looks on a background with the XYZ color 30.3993, 28.6176,

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

30.3993, 28.6176, 48.1775

Protanopia

28.7219, 28.6002, 49.9055

Deuteranopia

29.3183, 28.7319, 47.7166



Tritanopia

27.8032, 28.6708, 35.5211

Trichromacy



Original Color

30.3993, 28.6176, 48.1775

Protanomaly

29.2894, 28.6811, 49.3397

Deuteranomaly

29.6905, 28.7019, 47.6912

Tritanomaly

28.6466, 28.5646, 39.6010

Monochromacy



Original Color

30.3993, 28.6176, 48.1775

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8650, 29.1784, 37.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3993, 28.6176, 48.1775 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(150, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(150, 140, 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(150, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 140, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.3993, 28.6176, 48.1775 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(150, 140, 182) }
```


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

```
.border{ border-color:rgb(150, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(150, 140,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3993, 28.6176, 48.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 140, 182) }
```

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

```
.background{ background-color: rgb(150,  
140, 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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