

Converting Colors

XYZ(30.3101, 28.8283, 46.9358)

Have a look what the booklet for
XYZ(30.3101, 28.8283, 46.9358)
contains.

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Color

**XYZ(30.3408, 28.8291,
47.1455)**

Conversions

Conversions Part 1

Format	Color
Hex	968DB4
RGB	150, 141, 180
RGB Percent	59%, 55%, 71%
CMY	0.4118, 0.4470, 0.2941
CMYK	0.17, 0.22, 0.00, 0.29
HSL	254°, 21%, 63%
HSV	254°, 22%, 71%
XYZ	30.3408, 28.8291, 47.1455
YIQ	148.1370, -7.1550, 14.0370

Conversions

Conversions Part 2

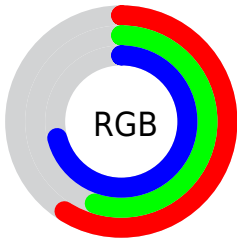
Format	Color
RYB	150, 141, 180
Decimal	9866676
CIELab	60.63, 11.41, -19.18
CIELCh	61, 22.323, 300.748
Yxy	28.8291, 0.2854, 0.2712
Android (android.graphics.Color)	4288056756 (0xFF968DB4)
YUV	148.1370, 15.7085, 1.6339
Hunter-Lab	53.6927, 6.9049, -14.4753

Details

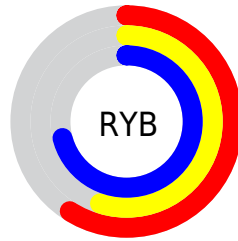
The XYZ color **30.3408, 28.8291, 47.1455** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9246, 43.2243, 31.5449**, and the grayscale version is **28.1449, 29.6106, 32.2460**.

A 20% lighter version of the original color is **59.5573, 57.9237, 87.3983**, and **12.7174, 11.6671, 21.6604** is the 20% darker color. If you saturate the color by 10%, you get **25.5002, 22.7093, 46.2199**, and if you desaturate by 10%, it is **35.9157, 35.9692, 48.2303**.

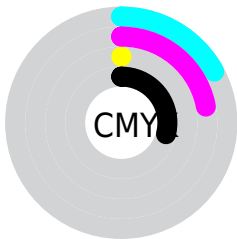
Distribution



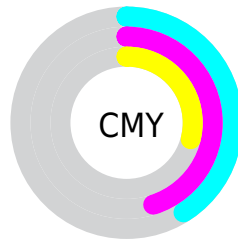
- Red (59%)
- Green (55%)
- Blue (71%)



- Red (59%)
- Yellow (55%)
- Blue (71%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)



- Cyan (41%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3408, 28.8291, 47.1455 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 30.3408, 28.8291, 47.1455 by changing the saturation by 10% instead.

■ 30.3408, 28.8291,
47.1455

■ 30.3408, 28.8291,
47.1455

295.3712,
296.4078, 391.8056

■ 20.2468, 18.9516,
32.7955

■ 59.5837, 57.8054,
87.2830

■ 12.6839, 11.6353,
21.7000

■ 79.4632, 77.6731,
113.9076

■ 7.2867, 6.4959,
13.4404

■ 103.3353,
101.6395, 145.4609

■ 3.6900, 3.1489,
7.5982

131.5652,
130.0891, 182.3613

■ 1.5283, 1.2099,
3.7549

164.5184,
163.4064, 225.0275

■ 0.3449, 0.0698,
1.4919

202.5603,

■ 0.0000, 0.0000,

201.9757, 273.8779

0.2119

246.0561,
246.1813, 329.3311

■ 0.0000, 0.0000,
0.0000

■ 30.3408, 28.8291,
47.1455

■ 30.3408, 28.8291,
47.1455

■ 25.5002, 22.7093,
46.2199

■ 35.9157, 35.9692,
48.2303

■ 21.3600, 17.5593,
45.4440

■ 42.2514, 44.1700,
49.4793

■ 17.8874, 13.3294,
44.8106

■ 49.3767, 53.4739,
50.8996

■ 15.0461, 9.9643,
44.3108

■ 57.3177, 63.9202,
52.4974

■ 12.7958, 7.4024,
43.9349

■ 66.0996, 75.5459,
54.2785

■ 11.0916, 5.5737,
43.6718

■ 75.7463, 88.3866,
56.2486

■ 9.8813, 4.3960,
43.5082

■ 82.3309, 94.5765,
57.0963

■ 9.1742, 3.7778,
43.4262

■ 85.2383, 96.0753,
57.2324

Harmonies

Analogous

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



27.4738, 28.8291, 50.1383



30.3408, 28.8291, 47.1455



32.5397, 28.8291, 39.8242

Triad

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



30.3408, 28.8291, 47.1455



30.2065, 28.8291, 19.4541



22.2131, 28.8291, 31.5982

Complementary

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



30.3408, 28.8291, 47.1455



37.9246, 43.2243, 31.5449

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.



22.8343, 28.8291, 24.2395



30.3408, 28.8291, 47.1455



27.3287, 28.8291, 18.0172

Square

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



30.3408, 28.8291, 47.1455



32.4584, 28.8291, 23.9379



24.6579, 28.8291, 19.6055



22.8986, 28.8291, 40.2474

Rectangle

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



30.3408, 28.8291, 47.1455



33.2583, 28.8291, 34.0181



24.6579, 28.8291, 19.6055



22.2756, 28.8291, 28.9008

Sweetspot

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



30.3417, 28.8303, 47.1461



71.3384, 73.2478, 88.6729



33.8907, 38.2929, 48.7856



15.2602, 15.6261, 19.1341



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.



30.3417, 28.8303, 47.1461



50.6572, 46.7449, 84.6474



34.1155, 30.7758, 47.3228



8.2194, 8.3216, 10.6794



6.4533, 2.6626, 30.3108



0.2546, 0.1103, 0.9561

Inverse Universe

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



35.6989, 31.6945, 42.7654



62.1767, 52.9087, 75.0110



34.0882, 41.2466, 31.3654



8.7645, 8.6125, 10.2582



16.3889, 8.0731, 17.7395



0.5362, 0.2622, 0.6664

Previews

White Background



This preview shows how the XYZ color 30.3408, 28.8291, 47.1455 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 30.3408, 28.8291, 47.1455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

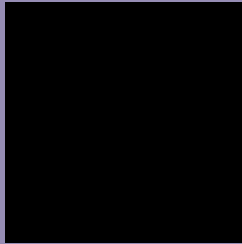
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3408, 28.8291, 47.1455

Background



This preview shows how black text looks on a background with the XYZ color 30.3408, 28.8291, 47.1455.



This preview shows how white text looks on a background with the XYZ color 30.3408, 28.8291,

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

30.3408, 28.8291, 47.1455

Protanopia

28.9892, 28.9881, 48.8671

Deuteranopia

29.5623, 28.8695, 47.1943



Tritanopia

28.0653, 28.7961, 35.9773

Trichromacy



Original Color

30.3408, 28.8291, 47.1455

Protanomaly

29.5721, 29.0747, 48.3093

Deuteranomaly

29.7653, 28.7523, 47.1610

Tritanomaly

28.7974, 28.8662, 39.6513

Monochromacy



Original Color

30.3408, 28.8291, 47.1455

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 30.3408, 28.8291, 47.1455 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, 141, 180)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 180)  
}
```

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, 141, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.3408, 28.8291, 47.1455 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, 141, 180) }
```


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

```
.border{ border-color:rgb(150, 141, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 141, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 180);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3408, 28.8291, 47.1455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 180) }
```

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

```
.background{ background-color: rgb(150,  
141, 180) }
```

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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