

Converting Colors

XYZ(28.8331, 28.6718, 42.5192)

Have a look what the booklet for
XYZ(28.8331, 28.6718, 42.5192)
contains.

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Color

**XYZ(28.8502, 28.6049,
42.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	918FAB
RGB	145, 143, 171
RGB Percent	57%, 56%, 67%
CMY	0.4314, 0.4392, 0.3294
CMYK	0.15, 0.16, 0.00, 0.33
HSL	244°, 14%, 62%
HSV	244°, 16%, 67%
XYZ	28.8502, 28.6049, 42.5288
YIQ	146.7900, -7.7960, 9.1320

Conversions

Conversions Part 2

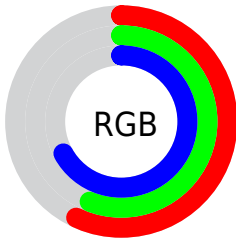
Format	Color
RYB	145, 143, 171
Decimal	9539499
CIELab	60.43, 6.58, -14.42
CIELCh	60, 15.849, 294.533
Yxy	28.6049, 0.2885, 0.2861
Android (android.graphics.Color)	4287729579 (0xFF918FAB)
YUV	146.7900, 11.9355, -1.5698
Hunter-Lab	53.4835, 2.6906, -9.7075

Details

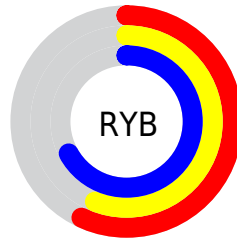
The XYZ color **28.8502, 28.6049, 42.5288** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8839, 39.5447, 31.7295**, and the grayscale version is **27.6017, 29.0392, 31.6237**.

A 20% lighter version of the original color is **57.2469, 57.5656, 80.0455**, and **11.8602, 11.5403, 19.0552** is the 20% darker color. If you saturate the color by 10%, you get **23.8711, 22.5140, 41.6160**, and if you desaturate by 10%, it is **34.6135, 35.6825, 43.5916**.

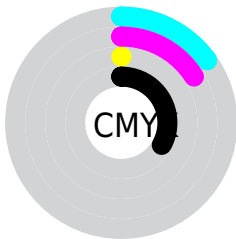
Distribution



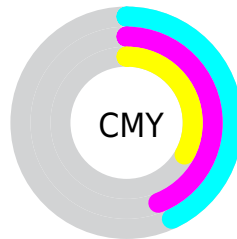
- Red (57%)
- Green (56%)
- Blue (67%)



- Red (57%)
- Yellow (56%)
- Blue (67%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)



- Cyan (43%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8502, 28.6049, 42.5288 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 28.8502, 28.6049, 42.5288 by changing the saturation by 10% instead.

■ 28.8502, 28.6049,
42.5288

■ 28.8502, 28.6049,
42.5288

288.5145,
295.3462, 372.5345

■ 19.1112, 18.7821,
29.1869

■ 57.2382, 57.4488,
80.2780

■ 11.8552, 11.5130,
18.9755

■ 76.6180, 77.2386,
105.5225

■ 6.7166, 6.4130,
11.4759

■ 99.9420, 101.1197,
135.5715

■ 3.3303, 3.0978,
6.2697

127.5758,
129.4763, 170.8436

■ 1.3307, 1.1830,
2.9383

159.8845,
162.6928, 211.7575

■ 0.2060, 0.0478,
1.0632

197.2337,

■ 0.0000, 0.0000,

201.1537, 258.7315

0.0000

239.9885,
245.2434, 312.1844

■ 28.8502, 28.6049,
42.5288

■ 28.8502, 28.6049,
42.5288

■ 23.8711, 22.5140,
41.6160

■ 34.6135, 35.6825,
43.5916

■ 19.6398, 17.3624,
40.8447

■ 41.1901, 43.7840,
44.8087

■ 16.1208, 13.1046,
40.2083

■ 48.6108, 52.9493,
46.1867

■ 13.2750, 9.6895,
39.6991

■ 56.9041, 63.2149,
47.7311

■ 11.0591, 7.0611,
39.3086

■ 66.0971, 74.6157,
49.4471

■ 9.4251, 5.1563,
39.0270

■ 76.2158, 87.1850,
51.3399

■ 8.3178, 3.9027,
38.8434

■ 84.3508, 95.7203,
52.5586

■ 7.6669, 3.2032,
38.7427

■ 7.5053, 3.0200,
38.7159

Harmonies

Analogous

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



26.8160, 28.6049, 43.7257



28.8502, 28.6049, 42.5288



30.5109, 28.6049, 38.1322

Triad

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



28.8502, 28.6049, 42.5288



29.5291, 28.6049, 22.8603



23.4660, 28.6049, 30.0875

Complementary

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



28.8502, 28.6049, 42.5288



35.8839, 39.5447, 31.7295

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.



24.1158, 28.6049, 25.0697



28.8502, 28.6049, 42.5288



27.5636, 28.6049, 21.2448

Square

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



28.8502, 28.6049, 42.5288



30.9164, 28.6049, 26.7087



25.5911, 28.6049, 22.0002



23.7723, 28.6049, 36.0491

Rectangle

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



28.8502, 28.6049, 42.5288



31.1481, 28.6049, 34.2400



25.5911, 28.6049, 22.0002



23.5788, 28.6049, 28.2440

Sweetspot

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



28.8511, 28.6061, 42.5294



63.4204, 65.6642, 78.3337



32.8920, 37.2062, 43.9764



13.9729, 14.4341, 17.4373



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.8511, 28.6061, 42.5294



47.9553, 46.6813, 75.4848



31.4457, 29.9437, 42.6509



7.6299, 7.7835, 10.0529



5.6759, 2.2859, 29.1866



0.1747, 0.0722, 0.8127

Inverse Universe

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



33.7794, 31.1686, 41.7730



58.6398, 52.2379, 73.7912



33.0648, 38.0914, 31.5975



8.3120, 8.1381, 9.9539



17.3729, 8.4117, 25.4069



0.4905, 0.2369, 0.7446

Previews

White Background



This preview shows how the XYZ color 28.8502, 28.6049, 42.5288 looks on a white background.

Color Contrast Check

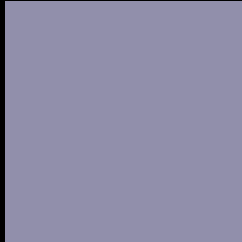
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8502, 28.6049, 42.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

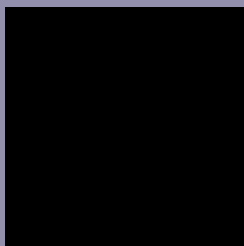
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8502, 28.6049, 42.5288

Background



This preview shows how black text looks on a background with the XYZ color 28.8502, 28.6049, 42.5288.



This preview shows how white text looks on a background with the XYZ color 28.8502, 28.6049,

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

28.8502, 28.6049, 42.5288

Protanopia

28.2349, 28.5005, 43.0427

Deuteranopia

29.0563, 28.4893, 42.4956



Tritanopia

27.5389, 28.5248, 35.9527

Trichromacy



Original Color

28.8502, 28.6049, 42.5288

Protanomaly

28.5750, 28.6759, 43.0587

Deuteranomaly

28.8777, 28.3973, 42.4873

Tritanomaly

27.9964, 28.4844, 38.2049

Monochromacy



Original Color

28.8502, 28.6049, 42.5288

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1337, 29.0691, 35.5806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8502, 28.6049, 42.5288 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(145, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 143, 171)  
}
```

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(145, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.8502, 28.6049, 42.5288 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(145, 143, 171) }
```


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

```
.border{ border-color:rgb(145, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 143,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8502, 28.6049, 42.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 143, 171) }
```

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

```
.background{ background-color: rgb(145,  
143, 171) }
```

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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