

Converting Colors

XYZ(30.4366, 25.8697, 29.3978)

Have a look what the booklet for
XYZ(30.4366, 25.8697, 29.3978)
contains.

XYZ(30.2970, 25.7456, 29.3592)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2970, 25.7456,
29.3592)**

Conversions

Conversions Part 1

Format	Color
Hex	B17C8F
RGB	177, 124, 143
RGB Percent	69%, 49%, 56%
CMY	0.3059, 0.5137, 0.4392
CMYK	0.00, 0.30, 0.19, 0.31
HSL	338°, 25%, 59%
HSV	338°, 30%, 69%
XYZ	30.2970, 25.7456, 29.3592
YIQ	142.0130, 25.4890, 17.1450

Conversions

Conversions Part 2

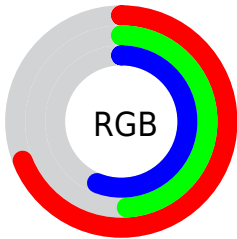
Format	Color
RYB	177, 124, 143
Decimal	11631759
CIELab	57.79, 23.47, -1.98
CIElCh	58, 23.554, 355.187
Yxy	25.7456, 0.3548, 0.3015
Android (android.graphics.Color)	4289821839 (0xFFB17C8F)
YUV	142.0130, 0.4866, 30.6836
Hunter-Lab	50.7401, 17.7874, 1.2118

Details

The XYZ color **30.2970, 25.7456, 29.3592** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.2069, 38.1985, 38.1305**, and the grayscale version is **25.7080, 27.0468, 29.4540**.

A 20% lighter version of the original color is **59.4045, 52.7991, 59.8836**, and **12.5929, 9.8988, 11.6029** is the 20% darker color. If you saturate the color by 10%, you get **27.4576, 21.3743, 24.3813**, and if you desaturate by 10%, it is **33.6231, 30.9503, 34.9296**.

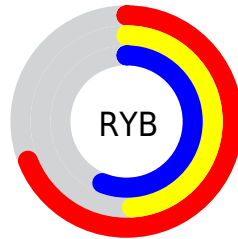
Distribution



Red (69%)

Green (49%)

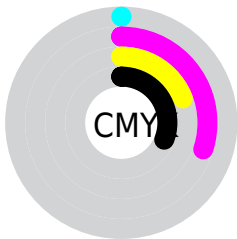
Blue (56%)



Red (69%)

Yellow (49%)

Blue (56%)

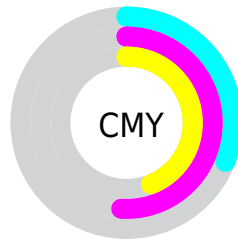


Cyan (0%)

Magenta (30%)

Yellow (19%)

Black (31%)



Cyan (31%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2970, 25.7456, 29.3592 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 30.2970, 25.7456, 29.3592 by changing the saturation by 10% instead.

 30.2970, 25.7456,
29.3592


 30.2970, 25.7456,
29.3592

295.1714,
281.5310, 313.0198


 20.2133, 16.6334,
19.1048


 59.5150, 52.8643,
59.6963

 12.6594, 9.9735,
11.5685


 79.3799, 71.6395,
80.6160

 7.2698, 5.3814,
6.3316


 103.2361, 94.4046,
105.9280

 3.6792, 2.4727,
2.9757

131.4487,
121.5439, 136.0507

 1.5223, 0.8629,
1.0822

164.3832,
153.4418, 171.4027

 0.3409, 0.0000,
0.0000

202.4049,

 0.0000, 0.0000,

190.4826, 212.4025

0.0000

245.8792,
233.0509, 259.4687

■ 30.2970, 25.7456,
29.3592

■ 30.2970, 25.7456,
29.3592

■ 27.4576, 21.3743,
24.3813

■ 33.6231, 30.9503,
34.9296

■ 25.0789, 17.7894,
19.9736

■ 37.4559, 37.0254,
41.1104

■ 23.1355, 14.9442,
16.1147

■ 41.8168, 44.0098,
47.9209

■ 21.5987, 12.7859,
12.7809

■ 46.7256, 51.9390,
55.3787

■ 20.4362, 11.2546,
9.9467

■ 52.2008, 60.8466,
63.5010

■ 19.6102, 10.2796,
7.5836

■ 58.2600, 70.7646,
72.3041

■ 19.0442, 9.7140,
5.6494

■ 64.9201, 81.7236,
81.8039

■ 19.0412, 9.7110,
5.6391

■ 68.7204, 86.7987,
90.8566

■ 70.4035, 87.4719,
99.7193

Harmonies

Analogous

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



29.2105, 25.7456, 37.8933



30.2970, 25.7456, 29.3592



29.7268, 25.7456, 21.9151

Triad

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



30.2970, 25.7456, 29.3592



22.2290, 25.7456, 16.1724



21.4963, 25.7456, 42.8562

Complementary

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



30.2970, 25.7456, 29.3592



30.2069, 38.1985, 38.1305

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.



19.8734, 25.7456, 35.1941



30.2970, 25.7456, 29.3592



20.2730, 25.7456, 20.0507

Square

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



30.2970, 25.7456, 29.3592



24.9294, 25.7456, 15.2046



19.4433, 25.7456, 26.7465



24.0172, 25.7456, 46.5845

Rectangle

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



30.2970, 25.7456, 29.3592



28.5052, 25.7456, 18.3749



19.4433, 25.7456, 26.7465



20.8355, 25.7456, 40.5914

Sweetspot

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



30.2977, 25.7468, 29.3597



67.6622, 67.2360, 74.5462



29.1599, 24.8162, 44.8482



14.4369, 14.2100, 15.7960



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.2977, 25.7468, 29.3597



50.7735, 40.7247, 46.5163



29.8957, 27.0541, 22.7166



8.6180, 8.5539, 9.4870



13.8227, 7.0466, 4.2263



0.4634, 0.2331, 0.2830

Inverse Universe

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



30.2977, 25.7468, 29.3597



50.7735, 40.7247, 46.5163



30.6111, 36.1845, 46.9660



8.6180, 8.5539, 9.4870



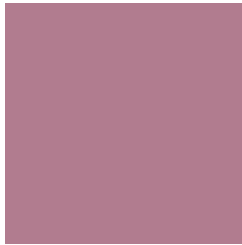
13.8227, 7.0466, 4.2263



0.4634, 0.2331, 0.2830

Previews

White Background



This preview shows how the XYZ color 30.2970, 25.7456, 29.3592 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 30.2970, 25.7456, 29.3592 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 30.2970, 25.7456, 29.3592

Background



This preview shows how black text looks on a background with the XYZ color 30.2970, 25.7456, 29.3592.



This preview shows how white text looks on a background with the XYZ color 30.2970, 25.7456,

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

30.2970, 25.7456, 29.3592

Protanopia

25.2372, 25.8472, 33.3646

Deuteranopia

26.4206, 25.9264, 28.8111



Tritanopia

29.6113, 25.6466, 26.3113

Trichromacy



Original Color

30.2970, 25.7456, 29.3592

Protanomaly

26.7612, 25.6204, 31.9685

Deuteranomaly

27.6967, 25.7627, 29.1041

Tritanomaly

29.8256, 25.7323, 27.4396

Monochromacy



Original Color

30.2970, 25.7456, 29.3592

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.0640, 26.2495, 29.2314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2970, 25.7456, 29.3592 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(177, 124, 143)` looks like.

```
.text, #text, p{  
    color:rgb(177, 124, 143)  
}
```

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(177, 124, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.2970, 25.7456, 29.3592 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(177, 124, 143) }
```


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

```
.border{ border-color:rgb(177, 124, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 124, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 124, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 124, 143);  
box-shadow:4px 4px 4px 4px rgb(177, 124,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2970, 25.7456, 29.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 124, 143) }
```

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

```
.background{ background-color: rgb(177,  
124, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor