

Converting Colors

XYZ(30.8473, 27.4713, 29.3577)

Have a look what the booklet for
XYZ(30.8473, 27.4713, 29.3577)
contains.

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Color

**XYZ(30.6780, 27.2996,
29.2436)**

Conversions

Conversions Part 1

Format	Color
Hex	AF838E
RGB	175, 131, 142
RGB Percent	69%, 51%, 56%
CMY	0.3137, 0.4863, 0.4431
CMYK	0.00, 0.25, 0.19, 0.31
HSL	345°, 22%, 60%
HSV	345°, 25%, 69%
XYZ	30.6780, 27.2996, 29.2436
YIQ	145.4100, 22.6930, 12.7490

Conversions

Conversions Part 2

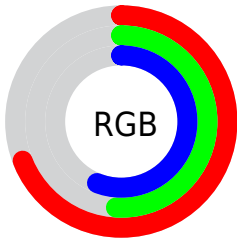
Format	Color
R_{YB}	175, 131, 142
Decimal	11502478
CIE _{Lab}	59.25, 18.62, 0.70
CIE _{LCh}	59, 18.635, 2.164
Yxy	27.2996, 0.3517, 0.3130
Android (android.graphics.Color)	4289692558 (0xFFAF838E)
YUV	145.4100, -1.6811, 25.9504
Hunter-Lab	52.2490, 13.3705, 3.3899

Details

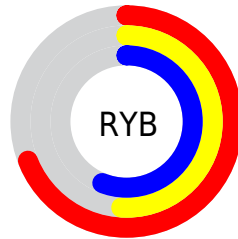
The XYZ color **30.6780, 27.2996, 29.2436** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3921, 38.1663, 40.8362**, and the grayscale version is **27.0813, 28.4916, 31.0274**.

A 20% lighter version of the original color is **60.0593, 55.2554, 59.7244**, and **12.9002, 10.7951, 11.5290** is the 20% darker color. If you saturate the color by 10%, you get **27.5950, 22.6188, 23.6367**, and if you desaturate by 10%, it is **34.2756, 32.8233, 35.5953**.

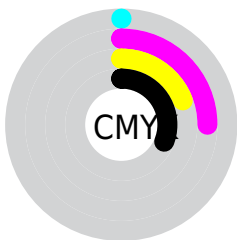
Distribution



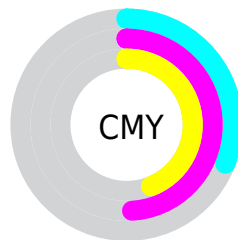
- Red (69%)
- Green (51%)
- Blue (56%)



- Red (69%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (31%)



- Cyan (31%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6780, 27.2996, 29.2436 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 30.6780, 27.2996, 29.2436 by changing the saturation by 10% instead.

■ 30.6780, 27.2996,
29.2436

■ 30.6780, 27.2996,
29.2436

296.9056,
289.1048, 312.4594

■ 20.5044, 17.7984,
19.0180

■ 60.1121, 55.3643,
59.5107

■ 12.8726, 10.8053,
11.5064

■ 80.1032, 74.6965,
80.3893

■ 7.4173, 5.9361,
6.2901

■ 104.0976, 98.0744,
105.6559

■ 3.7730, 2.8062,
2.9506

132.4606,
125.8826, 135.7292

■ 1.5746, 1.0314,
1.0695

165.5575,
158.5053, 171.0277

■ 0.3757, 0.0000,
0.0000

203.7538,

■ 0.0000, 0.0000,

196.3270, 211.9698

0.0000

247.4147,
239.7320, 258.9742

■ 30.6780, 27.2996,
29.2436

■ 30.6780, 27.2996,
29.2436

■ 27.5950, 22.6188,
23.6367

■ 34.2756, 32.8233,
35.5953

■ 25.0004, 18.7357,
18.7451

■ 38.4079, 39.2247,
42.7163

■ 22.8689, 15.6065,
14.5399

■ 43.0965, 46.5413,
50.6323

■ 21.1724, 13.1816,
10.9893

■ 48.3615, 54.8073,
59.3669

■ 19.8791, 11.4056,
8.0589

■ 54.2217, 64.0550,
68.9430

■ 18.9528, 10.2146,
5.7112

■ 60.6950, 74.3152,
79.3826

■ 18.3499, 9.5299,
3.9033

■ 67.7987, 85.6176,
90.7067

■ 18.1290, 9.2939,
3.1957

■ 70.2293, 87.3500,
101.1622

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



30.1065, 27.2996, 36.1154



30.6780, 27.2996, 29.2436



29.9204, 27.2996, 23.4143

Triad

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



30.6780, 27.2996, 29.2436



23.6387, 27.2996, 20.1470



23.9147, 27.2996, 42.5502

Complementary

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



30.6780, 27.2996, 29.2436



31.3921, 38.1663, 40.8362

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.



22.3427, 27.2996, 37.0776



30.6780, 27.2996, 29.2436



22.1902, 27.2996, 24.1361

Square

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



30.6780, 27.2996, 29.2436



25.7789, 27.2996, 18.6747



21.7301, 27.2996, 30.2109



26.1167, 27.2996, 44.4486

Rectangle

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



30.6780, 27.2996, 29.2436



28.7886, 27.2996, 20.7132



21.7301, 27.2996, 30.2109



23.2997, 27.2996, 41.0310

Sweetspot

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



30.6788, 27.3009, 29.2442



66.4652, 66.6436, 72.5323



31.1650, 27.2217, 44.1694



14.5240, 14.4268, 15.6939



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.



30.6788, 27.3009, 29.2442



51.8625, 44.2026, 46.8117



31.4499, 30.0999, 25.6266



8.0843, 8.0470, 8.7548



13.0041, 6.6642, 2.4013



0.3836, 0.1941, 0.1820

Inverse Universe

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



30.6788, 27.3009, 29.2442



51.8625, 44.2026, 46.8117



30.3744, 34.4723, 45.6106



8.0843, 8.0470, 8.7548



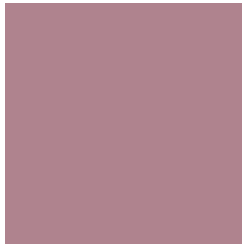
13.0041, 6.6642, 2.4013



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 30.6780, 27.2996, 29.2436 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 30.6780, 27.2996, 29.2436 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 30.6780, 27.2996, 29.2436

Background



This preview shows how black text looks on a background with the XYZ color 30.6780, 27.2996, 29.2436.



This preview shows how white text looks on a background with the XYZ color 30.6780, 27.2996,

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

30.6780, 27.2996, 29.2436

Protanopia

26.5199, 27.4134, 31.9105

Deuteranopia

27.8008, 27.2681, 28.9973



Tritanopia

30.6032, 27.2696, 28.8499

Trichromacy



Original Color

30.6780, 27.2996, 29.2436

Protanomaly

27.7944, 27.2208, 30.9834

Deuteranomaly

28.7815, 27.1435, 28.9216

Tritanomaly

30.6032, 27.2696, 28.8499

Monochromacy



Original Color

30.6780, 27.2996, 29.2436

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1224, 27.8377, 30.2766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6780, 27.2996, 29.2436 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(175, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 142)  
}
```

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(175, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.6780, 27.2996, 29.2436 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(175, 131, 142) }
```


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

```
.border{ border-color:rgb(175, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6780, 27.2996, 29.2436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 142) }
```

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

```
.background{ background-color: rgb(175,  
131, 142) }
```

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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