

Converting Colors

XYZ(30.1682, 27.7068, 34.1736)

Have a look what the booklet for
XYZ(30.1682, 27.7068, 34.1736)
contains.

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Color

**XYZ(30.2226, 27.7680,
34.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	A6879A
RGB	166, 135, 154
RGB Percent	65%, 53%, 60%
CMY	0.3490, 0.4706, 0.3961
CMYK	0.00, 0.19, 0.07, 0.35
HSL	323°, 15%, 59%
HSV	323°, 19%, 65%
XYZ	30.2226, 27.7680, 34.3387
YIQ	146.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

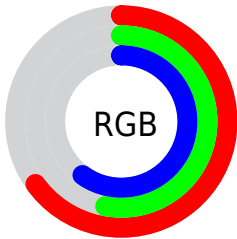
Format	Color
R _Y B	166, 135, 154
Decimal	10913690
CIE Lab	59.68, 15.07, -5.66
CIE LCh	60, 16.098, 339.433
Yxy	27.7680, 0.3273, 0.3007
Android (android.graphics.Color)	4289103770 (0xFFA6879A)
YUV	146.4350, 3.7295, 17.1585
Hunter-Lab	52.6954, 10.1590, -1.7493

Details

The XYZ color **30.2226, 27.7680, 34.3387** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.8955, 34.5307, 32.7475**, and the grayscale version is **27.4824, 28.9136, 31.4870**.

A 20% lighter version of the original color is **59.1872, 55.8927, 67.3434**, and **12.6361, 11.0537, 14.2995** is the 20% darker color. If you saturate the color by 10%, you get **27.5638, 23.2839, 30.8821**, and if you desaturate by 10%, it is **33.2728, 32.9883, 38.0678**.

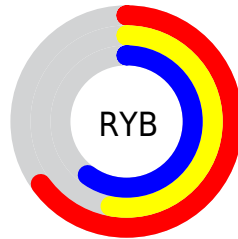
Distribution



Red (65%)

Green (53%)

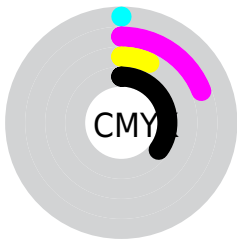
Blue (60%)



Red (65%)

Yellow (53%)

Blue (60%)

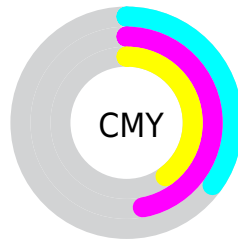


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2226, 27.7680, 34.3387 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 30.2226, 27.7680, 34.3387 by changing the saturation by 10% instead.

■ 30.2226, 27.7680,
34.3387

■ 30.2226, 27.7680,
34.3387

294.8319,
291.3567, 336.4548

■ 20.1565, 18.1508,
22.8745

■ 59.3982, 56.1138,
67.5999

■ 12.6178, 11.0583,
14.2964

■ 79.2385, 75.6113,
90.2340

■ 7.2411, 6.1061,
8.1860

■ 103.0676, 99.1710,
117.4284

■ 3.6610, 2.9097,
4.1247

131.2508,
127.1773, 149.6018

■ 1.5122, 1.0848,
1.6940

164.1534,
160.0146, 187.1725

■ 0.3341, 0.0000,
0.3566

202.1409,

■ 0.0000, 0.0000,

198.0674, 230.5592

0.0000

245.5786,
241.7199, 280.1805

■ 30.2226, 27.7680,
34.3387

■ 30.2226, 27.7680,
34.3387

■ 27.5638, 23.2839,
30.8821

■ 33.2728, 32.9883,
38.0678

■ 25.2769, 19.4988,
27.6884

■ 36.7280, 38.9724,
42.0751

■ 23.3442, 16.3776,
24.7498

■ 40.6041, 45.7511,
46.3683

■ 21.7456, 13.8810,
22.0572

■ 44.9155, 53.3524,
50.9543

■ 20.4589, 11.9653,
19.6009

■ 49.6757, 61.8030,
55.8397

■ 19.4591, 10.5810,
17.3701

■ 54.8979, 71.1281,
61.0307

■ 18.7168, 9.6707,
15.3525

■ 60.5944, 81.3522,
66.5334

■ 18.1776, 9.1260,
13.5275

■ 62.5554, 84.0548,
70.9464

■ 18.1113, 9.0612,
13.2963

■ 63.3495, 84.3725,
75.1277

Harmonies

Analogous

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



28.9531, 27.7680, 39.7275



30.2226, 27.7680, 34.3387



30.4379, 27.7680, 28.4374

Triad

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



30.2226, 27.7680, 34.3387



25.7574, 27.7680, 20.4845



23.4883, 27.7680, 37.9140

Complementary

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



30.2226, 27.7680, 34.3387



28.8955, 34.5307, 32.7475

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.



22.7227, 27.7680, 32.1060



30.2226, 27.7680, 34.3387



23.9878, 27.7680, 22.3890

Square

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



30.2226, 27.7680, 34.3387



27.7893, 27.7680, 20.9211



22.9008, 27.7680, 26.4713



25.0436, 27.7680, 41.9686

Rectangle

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



30.2226, 27.7680, 34.3387



29.9441, 27.7680, 25.0623



22.9008, 27.7680, 26.4713



23.1338, 27.7680, 36.0738

Sweetspot

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



30.2234, 27.7692, 34.3393



61.9211, 62.5171, 70.9027



27.5597, 26.2747, 39.6959



13.7728, 13.8451, 15.7679



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.2234, 27.7692, 34.3393



52.9675, 47.2041, 59.9209



29.0231, 27.2891, 28.0185



7.7170, 7.6167, 8.8268



14.0676, 7.0358, 10.4335



0.3662, 0.1807, 0.3797

Inverse Universe

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



30.2234, 27.7692, 34.3393



52.9675, 47.2041, 59.9209



30.1845, 35.0464, 39.5357



7.7170, 7.6167, 8.8268



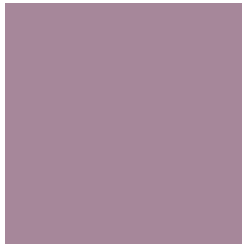
14.0676, 7.0358, 10.4335



0.3662, 0.1807, 0.3797

Previews

White Background



This preview shows how the XYZ color 30.2226, 27.7680, 34.3387 looks on a white background.

Color Contrast Check

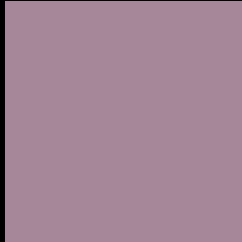
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2226, 27.7680, 34.3387 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 30.2226, 27.7680, 34.3387

Background



This preview shows how black text looks on a background with the XYZ color 30.2226, 27.7680, 34.3387.



This preview shows how white text looks on a background with the XYZ color 30.2226, 27.7680,

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

30.2226, 27.7680, 34.3387

Protanopia

27.2358, 27.8989, 36.7504

Deuteranopia

28.4543, 27.9261, 34.0276



Tritanopia

29.5877, 27.7142, 31.3937

Trichromacy



Original Color

30.2226, 27.7680, 34.3387

Protanomaly

28.2264, 27.7698, 35.7707

Deuteranomaly

28.9388, 27.7460, 33.9673

Tritanomaly

29.8262, 27.8097, 32.6499

Monochromacy



Original Color

30.2226, 27.7680, 34.3387

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2347, 28.2882, 32.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2226, 27.7680, 34.3387 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(166, 135, 154)` looks like.

```
.text, #text, p{  
    color:rgb(166, 135, 154)  
}
```

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(166, 135, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 135, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.2226, 27.7680, 34.3387 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(166, 135, 154) }
```


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

```
.border{ border-color:rgb(166, 135, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 135, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 135, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 135, 154);  
box-shadow:4px 4px 4px 4px rgb(166, 135,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2226, 27.7680, 34.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 135, 154) }
```

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

```
.background{ background-color: rgb(166,  
135, 154) }
```

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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