

Converting Colors

XYZ(30.5604, 27.2023, 38.9982)

Have a look what the booklet for
XYZ(30.5604, 27.2023, 38.9982)
contains.

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Color

**XYZ(30.4692, 27.1822,
38.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	A584A4
RGB	165, 132, 164
RGB Percent	65%, 52%, 64%
CMY	0.3529, 0.4823, 0.3569
CMYK	0.00, 0.20, 0.01, 0.35
HSL	302°, 15%, 58%
HSV	302°, 20%, 65%
XYZ	30.4692, 27.1822, 38.7627
YIQ	145.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

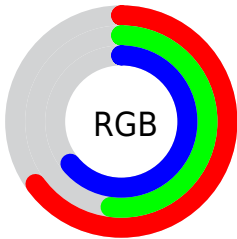
Format	Color
RYB	165, 132, 164
Decimal	10847396
CIELab	59.14, 18.31, -12.19
CIElCh	59, 21.995, 326.340
Yxy	27.1822, 0.3160, 0.2819
Android (android.graphics.Color)	4289037476 (0xFFA584A4)
YUV	145.5150, 9.1131, 17.0883
Hunter-Lab	52.1366, 13.0785, -7.5856

Details

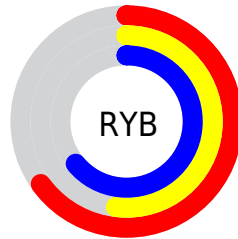
The XYZ color **30.4692, 27.1822, 38.7627** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **27.2056, 33.5102, 27.2261**, and the grayscale version is **27.0853, 28.4958, 31.0320**.

A 20% lighter version of the original color is **59.6503, 55.0280, 74.4954**, and **12.7520, 10.7151, 16.7254** is the 20% darker color. If you saturate the color by 10%, you get **28.3615, 23.0384, 37.8379**, and if you desaturate by 10%, it is **32.9327, 32.0362, 39.8076**.

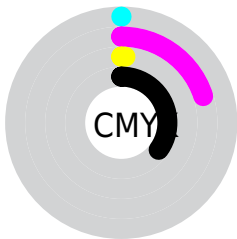
Distribution



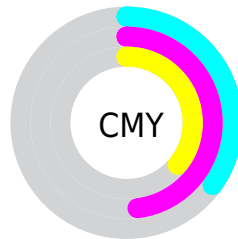
- Red (65%)
- Green (52%)
- Blue (64%)



- Red (65%)
- Yellow (52%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4692, 27.1822, 38.7627 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 30.4692, 27.1822, 38.7627 by changing the saturation by 10% instead.

■ 30.4692, 27.1822,
38.7627

■ 30.4692, 27.1822,
38.7627

295.9562,
288.5382, 356.2763

■ 20.3448, 17.7101,
26.2688

■ 59.7850, 55.1761,
74.4920

■ 12.7557, 10.7421,
16.7972

■ 79.7070, 74.4667,
98.5645

■ 7.3364, 5.8937,
9.9296

■ 103.6258, 97.7989,
127.3335

■ 3.7215, 2.7805,
5.2473

131.9065,
125.5572, 161.2176

■ 1.5458, 1.0183,
2.3318

164.9145,
158.1258, 200.6355

■ 0.3567, 0.0000,
0.7490

203.0152,

■ 0.0000, 0.0000,

195.8893, 246.0055

0.0000

246.5740,
239.2320, 297.7463

■ 30.4692, 27.1822,
38.7627

■ 30.4692, 27.1822,
38.7627

■ 28.3615, 23.0384,
37.8379

■ 32.9327, 32.0362,
39.8076

■ 26.5904, 19.5682,
37.0259

■ 35.7649, 37.6279,
40.9759

■ 25.1388, 16.7367,
36.3213

■ 38.9812, 43.9876,
42.2732

■ 23.9873, 14.5049,
35.7175

■ 42.5956, 51.1429,
43.7040

■ 23.1139, 12.8293,
35.2074

■ 46.6209, 59.1200,
45.2727

■ 22.4942, 11.6605,
34.7826

■ 51.0699, 67.9440,
46.9835

■ 22.0990, 10.9407,
34.4336

■ 55.9544, 77.6388,
48.8404

■ 21.8623, 10.5375,
34.1383

■ 58.3456, 82.3468,
49.8670

■ 21.8623, 10.5375,
34.1383

■ 58.3923, 82.3655,
50.1130

Harmonies

Analogous

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



28.2424, 27.1822, 45.2656



30.4692, 27.1822, 38.7627



31.4526, 27.1822, 30.5695

Triad

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



30.4692, 27.1822, 38.7627



26.1733, 27.1822, 16.9581



21.4001, 27.1822, 36.8017

Complementary

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



30.4692, 27.1822, 38.7627



27.2056, 33.5102, 27.2261

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.



20.9310, 27.1822, 28.6450



30.4692, 27.1822, 38.7627



23.5701, 27.1822, 18.0388

Square

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



30.4692, 27.1822, 38.7627



28.8644, 27.1822, 18.7393



21.6978, 27.1822, 22.0033



23.0270, 27.1822, 44.0003

Rectangle

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



30.4692, 27.1822, 38.7627



31.2231, 27.1822, 25.5551



21.6978, 27.1822, 22.0033



21.1070, 27.1822, 34.0436

Sweetspot

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



30.4700, 27.1834, 38.7633



60.8712, 61.1073, 72.0780



24.6460, 24.1705, 38.9644



13.2418, 13.2292, 15.7304



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.4700, 27.1834, 38.7633



52.8150, 45.2327, 68.6593



29.1107, 26.6396, 31.6050



7.3550, 7.1985, 8.8559



16.5422, 7.9730, 25.8438



0.3503, 0.1686, 0.5571

Inverse Universe

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



30.4700, 27.1834, 38.7633



52.8150, 45.2327, 68.6593



28.4007, 33.9882, 33.5193



7.3550, 7.1985, 8.8559



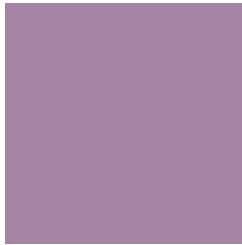
16.5422, 7.9730, 25.8438



0.3503, 0.1686, 0.5571

Previews

White Background



This preview shows how the XYZ color 30.4692, 27.1822, 38.7627 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 30.4692, 27.1822, 38.7627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

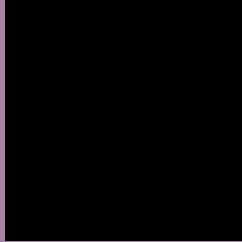
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4692, 27.1822, 38.7627

Background



This preview shows how black text looks on a background with the XYZ color 30.4692, 27.1822, 38.7627.



This preview shows how white text looks on a background with the XYZ color 30.4692, 27.1822,

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

30.4692, 27.1822, 38.7627

Protanopia

27.0971, 27.2704, 41.8658

Deuteranopia

27.8761, 27.3126, 38.4530



Tritanopia

28.7526, 27.0847, 30.9066

Trichromacy



Original Color

30.4692, 27.1822, 38.7627

Protanomaly

28.1890, 27.2072, 40.8116

Deuteranomaly

28.7414, 27.1227, 38.3707

Tritanomaly

29.3791, 27.1366, 33.8264

Monochromacy



Original Color

30.4692, 27.1822, 38.7627

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4115, 28.1220, 34.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4692, 27.1822, 38.7627 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(165, 132, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 132, 164)  
}
```

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(165, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 132, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.4692, 27.1822, 38.7627 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(165, 132, 164) }
```


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

```
.border{ border-color:rgb(165, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 132,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4692, 27.1822, 38.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 132, 164) }
```

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

```
.background{ background-color: rgb(165,  
132, 164) }
```

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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