

Converting Colors

XYZ(30.7404, 27.5362, 39.4495)

Have a look what the booklet for
XYZ(30.7404, 27.5362, 39.4495)
contains.

XYZ(30.6961, 27.4910, 39.2857)	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(30.6961, 27.4910,
39.2857)**

Conversions

Conversions Part 1

Format	Color
Hex	A585A5
RGB	165, 133, 165
RGB Percent	65%, 52%, 65%
CMY	0.3529, 0.4784, 0.3529
CMYK	0.00, 0.19, 0.00, 0.35
HSL	300°, 15%, 58%
HSV	300°, 19%, 65%
XYZ	30.6961, 27.4910, 39.2857
YIQ	146.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

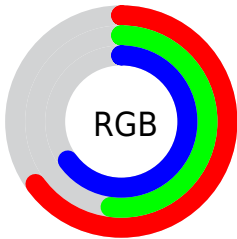
Format	Color
R_{YB}	165, 133, 165
Decimal	10847653
CIE _{Lab}	59.43, 17.93, -12.34
CIE _{LCh}	59, 21.767, 325.474
Yxy	27.4910, 0.3149, 0.2820
Android (android.graphics.Color)	4289037733 (0xFFA585A5)
YUV	146.2160, 9.2605, 16.4736
Hunter-Lab	52.4319, 12.7466, -7.7220

Details

The XYZ color **30.6961, 27.4910, 39.2857** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **27.3627, 33.5911, 27.2334**, and the grayscale version is **27.3715, 28.7970, 31.3599**.

A 20% lighter version of the original color is **59.9924, 55.5008, 75.2609**, and **12.8839, 10.8895, 17.0456** is the 20% darker color. If you saturate the color by 10%, you get **28.6125, 23.3233, 38.5914**, and if you desaturate by 10%, it is **33.1362, 32.3708, 40.0995**.

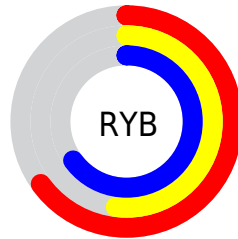
Distribution



Red (65%)

Green (52%)

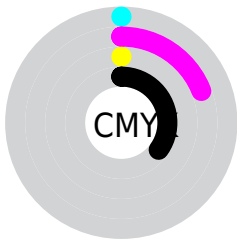
Blue (65%)



Red (65%)

Yellow (52%)

Blue (65%)

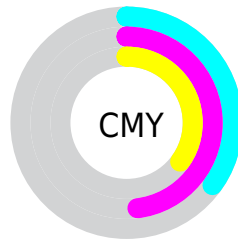


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6961, 27.4910, 39.2857 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 30.6961, 27.4910, 39.2857 by changing the saturation by 10% instead.

■ 30.6961, 27.4910,
39.2857

■ 30.6961, 27.4910,
39.2857

296.9877,
290.0267, 358.5658

■ 20.5182, 17.9423,
26.6725

■ 60.1404, 55.6708,
75.2997

■ 12.8828, 10.9086,
17.0972

■ 80.1375, 75.0706,
99.5376

■ 7.4243, 6.0054,
10.1411

■ 104.1385, 98.5230,
128.4875

■ 3.7775, 2.8484,
5.3858

132.5086,
126.4124, 162.5680

■ 1.5771, 1.0531,
2.4127

165.6132,
159.1230, 202.1975

■ 0.3774, 0.0000,
0.7933

203.8177,

■ 0.0000, 0.0000,

197.0393, 247.7946

0.0000

247.4874,
240.5457, 299.7778

■ 30.6961, 27.4910,
39.2857

■ 30.6961, 27.4910,
39.2857

■ 28.6125, 23.3233,
38.5914

■ 33.1362, 32.3708,
40.0995

■ 26.8664, 19.8311,
38.0093

■ 35.9459, 37.9900,
41.0361

■ 25.4408, 16.9799,
37.5340

■ 39.1403, 44.3789,
42.1010

■ 24.3162, 14.7308,
37.1591

■ 42.7333, 51.5649,
43.2987

■ 23.4710, 13.0405,
36.8773

■ 46.7380, 59.5743,
44.6337

■ 22.8809, 11.8603,
36.6805

■ 51.1669, 68.4319,
46.1101

■ 22.5171, 11.1327,
36.5591

■ 56.0317, 78.1616,
47.7318

■ 22.3196, 10.7378,
36.4932

■ 58.0690, 82.2361,
48.4110

■ 22.3087, 10.7160,
36.4896

■ 58.0690, 82.2361,
48.4110

Harmonies

Analogous

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



28.4523, 27.4910, 45.6559



30.6961, 27.4910, 39.2857



31.7182, 27.4910, 31.1348

Triad

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



30.6961, 27.4910, 39.2857



26.5457, 27.4910, 17.3105



21.6720, 27.4910, 36.8742

Complementary

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



30.6961, 27.4910, 39.2857



27.3627, 33.5911, 27.2334

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.



21.2389, 27.4910, 28.7626



30.6961, 27.4910, 39.2857



23.9365, 27.4910, 18.3109

Square

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



30.6961, 27.4910, 39.2857



29.2182, 27.4910, 19.1790



22.0396, 27.4910, 22.1967



23.2662, 27.4910, 44.1023

Rectangle

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



30.6961, 27.4910, 39.2857



31.5207, 27.4910, 26.0993



22.0396, 27.4910, 22.1967



21.3907, 27.4910, 34.1250

Sweetspot

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



30.6969, 27.4922, 39.2863



60.9210, 61.1272, 72.3401



24.8532, 24.4796, 39.0130



13.2537, 13.2340, 15.7934



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.



30.6969, 27.4922, 39.2863



53.3963, 46.0780, 69.8316



29.3303, 26.9456, 32.0899



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6044



0.3546, 0.1703, 0.5800

Inverse Universe

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



30.6969, 27.4922, 39.2863



53.3963, 46.0780, 69.8316



28.5538, 34.0675, 33.5055



7.3644, 7.2022, 8.9051



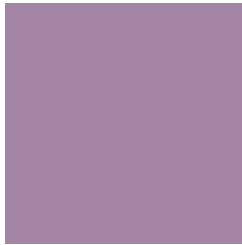
16.8766, 8.1067, 27.6044



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 30.6961, 27.4910, 39.2857 looks on a white background.

Color Contrast Check

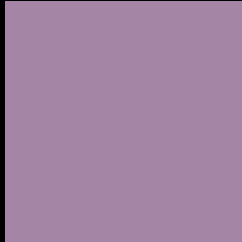
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6961, 27.4910, 39.2857 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 30.6961, 27.4910, 39.2857

Background



This preview shows how black text looks on a background with the XYZ color 30.6961, 27.4910, 39.2857.



This preview shows how white text looks on a background with the XYZ color 30.6961, 27.4910,

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

30.6961, 27.4910, 39.2857

Protanopia

27.3402, 27.6046, 42.4153

Deuteranopia

28.2917, 27.7324, 38.9837



Tritanopia

28.9709, 27.3963, 31.3648

Trichromacy



Original Color

30.6961, 27.4910, 39.2857

Protanomaly

28.4267, 27.5329, 41.3522

Deuteranomaly

28.9729, 27.4417, 38.8917

Tritanomaly

29.6010, 27.4476, 34.3096

Monochromacy



Original Color

30.6961, 27.4910, 39.2857

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 30.6961, 27.4910, 39.2857 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, 133, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 165)  
}
```

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, 133, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.6961, 27.4910, 39.2857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

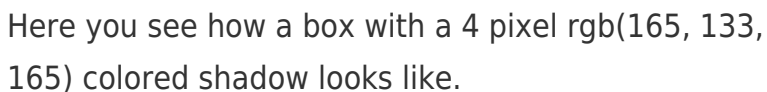
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 133, 165) }
```


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

```
.border{ border-color:rgb(165, 133, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 133, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 133, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 133, 165); box-shadow:4px 4px 4px 4px rgb(165, 133, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6961, 27.4910, 39.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 165) }
```

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

```
.background{ background-color: rgb(165,  
133, 165) }
```

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