

Converting Colors

XYZ(30.1990, 28.6045, 43.8849)

Have a look what the booklet for
XYZ(30.1990, 28.6045, 43.8849)
contains.

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Color

**XYZ(30.1549, 28.5845,
43.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	998CAE
RGB	153, 140, 174
RGB Percent	60%, 55%, 68%
CMY	0.4000, 0.4510, 0.3176
CMYK	0.12, 0.20, 0.00, 0.32
HSL	263°, 17%, 62%
HSV	263°, 20%, 68%
XYZ	30.1549, 28.5845, 43.9724
YIQ	147.7630, -3.1660, 13.3300

Conversions

Conversions Part 2

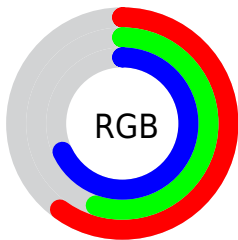
Format	Color
R _Y B	153, 140, 174
Decimal	10063022
CIE Lab	60.41, 11.65, -16.09
CIE LCh	60, 19.861, 305.914
Yxy	28.5845, 0.2936, 0.2783
Android (android.graphics.Color)	4288253102 (0xFF998CAE)
YUV	147.7630, 12.9348, 4.5928
Hunter-Lab	53.4645, 7.1143, -11.3385

Details

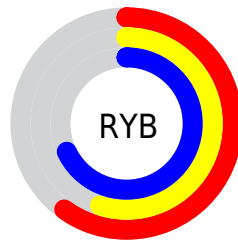
The XYZ color **30.1549, 28.5845, 43.9724** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.5687, 39.7434, 30.6616**, and the grayscale version is **27.9992, 29.4573, 32.0790**.

A 20% lighter version of the original color is **59.5871, 57.7066, 82.8608**, and **12.6485, 11.5423, 19.9736** is the 20% darker color. If you saturate the color by 10%, you get **25.8728, 22.8970, 43.1007**, and if you desaturate by 10%, it is **35.0236, 35.1727, 44.9879**.

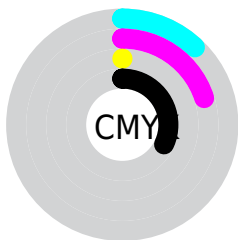
Distribution



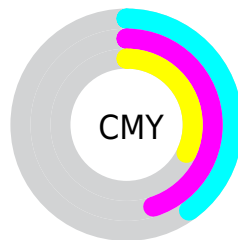
- Red (60%)
- Green (55%)
- Blue (68%)



- Red (60%)
- Yellow (55%)
- Blue (68%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1549, 28.5845, 43.9724 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 30.1549, 28.5845, 43.9724 by changing the saturation by 10% instead.

■ 30.1549, 28.5845,
43.9724

■ 30.1549, 28.5845,
43.9724

294.5227,
295.2494, 378.6337

■ 20.1048, 18.7667,
30.3118

■ 59.2920, 57.4163,
82.4782

■ 12.5800, 11.5018,
19.8213

■ 79.1098, 77.1991,
108.1605

■ 7.2150, 6.4054,
12.0824

■ 102.9141,
101.0723, 138.6872

■ 3.6444, 3.0932,
6.6766

131.0705,
129.4205, 174.4766

■ 1.5030, 1.1806,
3.1853

163.9442,
162.6278, 215.9474

■ 0.3279, 0.0457,
1.1900

201.9005,

■ 0.0000, 0.0000,

201.0789, 263.5182

0.0000

245.3049,
245.1579, 317.6074

■ 30.1549, 28.5845,
43.9724

■ 30.1549, 28.5845,
43.9724

■ 25.8728, 22.8970,
43.1007

■ 35.0236, 35.1727,
44.9879

■ 22.1510, 18.0665,
42.3645

■ 40.4984, 42.6955,
46.1514

■ 18.9649, 14.0507,
41.7573

■ 46.6012, 51.1897,
47.4693

■ 16.2872, 10.8026,
41.2715

■ 53.3520, 60.6887,
48.9470

■ 14.0876, 8.2700,
40.8986

■ 60.7699, 71.2245,
50.5896

■ 12.3324, 6.3938,
40.6290

■ 68.8731, 82.8275,
52.4021

■ 10.9825, 5.1051,
40.4514

■ 75.4699, 91.1086,
53.6529

■ 9.9648, 4.2674,
40.3433

■ 78.9912, 92.9239,
53.8177

■ 9.9222, 4.2325,
40.3388

■ 82.7283, 94.8505,
53.9925

Harmonies

Analogous

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



27.6783, 28.5845, 47.3293



30.1549, 28.5845, 43.9724



31.9073, 28.5845, 37.2288

Triad

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



30.1549, 28.5845, 43.9724



29.2243, 28.5845, 19.9605



22.5673, 28.5845, 32.5968

Complementary

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



30.1549, 28.5845, 43.9724



34.5687, 39.7434, 30.6616

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.



22.9241, 28.5845, 25.7254



30.1549, 28.5845, 43.9724



26.6654, 28.5845, 19.1170

Square

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



30.1549, 28.5845, 43.9724



31.3469, 28.5845, 23.5755



24.3865, 28.5845, 21.0587



23.3793, 28.5845, 40.1320

Rectangle

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



30.1549, 28.5845, 43.9724



32.3720, 28.5845, 32.1373



24.3865, 28.5845, 21.0587



22.5552, 28.5845, 30.1315

Sweetspot

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



30.1558, 28.5857, 43.9730



66.8112, 68.2881, 82.2965



31.2945, 34.3090, 45.0177



14.7125, 14.9901, 18.2623



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.



30.1558, 28.5857, 43.9730



51.5701, 47.6698, 79.1200



33.4814, 30.3001, 44.1287



7.8575, 7.9009, 10.0636



7.2584, 3.1017, 29.2606



0.2640, 0.1183, 0.8169

Inverse Universe

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



33.2677, 30.3293, 37.8205



58.2062, 51.3908, 65.8792



31.4657, 38.1437, 30.5164



8.2053, 8.0954, 9.3919



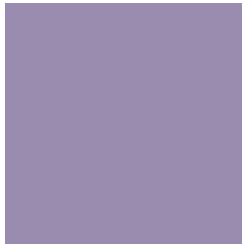
14.6334, 7.3159, 10.9808



0.4327, 0.2138, 0.4402

Previews

White Background



This preview shows how the XYZ color 30.1549, 28.5845, 43.9724 looks on a white background.

Color Contrast Check

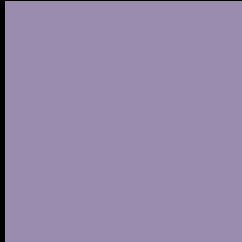
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1549, 28.5845, 43.9724 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 30.1549, 28.5845, 43.9724

Background



This preview shows how black text looks on a background with the XYZ color 30.1549, 28.5845, 43.9724.



This preview shows how white text looks on a background with the XYZ color 30.1549, 28.5845,

43.9724.

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

30.1549, 28.5845, 43.9724

Protanopia

28.3903, 28.5241, 45.6043

Deuteranopia

29.1670, 28.5130, 44.0107



Tritanopia

28.3165, 28.4955, 35.0181

Trichromacy



Original Color

30.1549, 28.5845, 43.9724

Protanomaly

28.9866, 28.6192, 45.0706

Deuteranomaly

29.5593, 28.4953, 43.9866

Tritanomaly

28.9571, 28.5339, 38.1638

Monochromacy



Original Color

30.1549, 28.5845, 43.9724

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7889, 29.1691, 36.0112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1549, 28.5845, 43.9724 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(153, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(153, 140, 174)  
}
```

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(153, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.1549, 28.5845, 43.9724 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(153, 140, 174) }
```


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

```
.border{ border-color:rgb(153, 140, 174) }
```

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

Here you see how a box with a 4 pixel rgb(153, 140, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1549, 28.5845, 43.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 174) }
```

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

```
.background{ background-color: rgb(153,  
140, 174) }
```

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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