

Converting Colors

XYZ(30.3374, 29.0428, 44.2370)

Have a look what the booklet for
XYZ(30.3374, 29.0428, 44.2370)
contains.

XYZ(30.2619, 29.0774, 44.0619)	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(30.2619, 29.0774,
44.0619)**

Conversions

Conversions Part 1

Format	Color
Hex	988EAE
RGB	152, 142, 174
RGB Percent	60%, 56%, 68%
CMY	0.4039, 0.4431, 0.3176
CMYK	0.13, 0.18, 0.00, 0.32
HSL	259°, 16%, 62%
HSV	259°, 18%, 68%
XYZ	30.2619, 29.0774, 44.0619
YIQ	148.6380, -4.3120, 12.0720

Conversions

Conversions Part 2

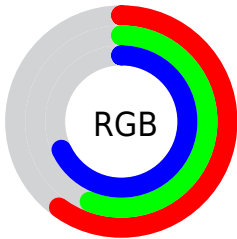
Format	Color
RYB	152, 142, 174
Decimal	9997998
CIELab	60.85, 10.17, -15.43
CIELCh	61, 18.483, 303.386
Yxy	29.0774, 0.2927, 0.2812
Android (android.graphics.Color)	4288188078 (0xFF988EAE)
YUV	148.6380, 12.5035, 2.9485
Hunter-Lab	53.9235, 5.8083, -10.7006

Details

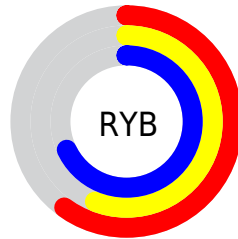
The XYZ color **30.2619, 29.0774, 44.0619** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.3293, 40.1183, 31.4741**, and the grayscale version is **28.3663, 29.8436, 32.4997**.

A 20% lighter version of the original color is **59.4765, 58.3148, 82.9841**, and **12.7068, 11.8261, 20.0253** is the 20% darker color. If you saturate the color by 10%, you get **25.7453, 23.2018, 43.1663**, and if you desaturate by 10%, it is **35.4103, 35.8801, 45.1041**.

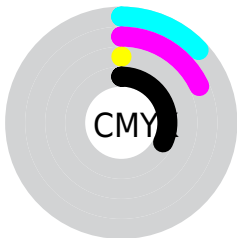
Distribution



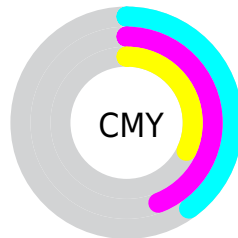
- Red (60%)
- Green (56%)
- Blue (68%)



- Red (60%)
- Yellow (56%)
- Blue (68%)



- Cyan (13%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2619, 29.0774, 44.0619 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 30.2619, 29.0774, 44.0619 by changing the saturation by 10% instead.

■ 30.2619, 29.0774,
44.0619

■ 30.2619, 29.0774,
44.0619

295.0113,
297.5800, 379.0096

■ 20.1865, 19.1394,
30.3816

■ 59.4599, 58.2000,
82.6143

■ 12.6398, 11.7710,
19.8739

■ 79.3132, 78.1534,
108.3236

■ 7.2562, 6.5880,
12.1203

■ 103.1566,
102.2141, 138.8796

■ 3.6706, 3.2058,
6.7021

131.3553,
130.7664, 174.7009

■ 1.5175, 1.2401,
3.2009

164.2748,
164.1948, 216.2060

■ 0.3377, 0.0941,
1.1981

202.2804,

■ 0.0000, 0.0000,

202.8835, 263.8134

0.0000

245.7374,
247.2171, 317.9418

■ 30.2619, 29.0774,
44.0619

■ 30.2619, 29.0774,
44.0619

■ 25.7453, 23.2018,
43.1663

■ 35.4103, 35.8801,
45.1041

■ 21.8325, 18.2089,
42.4088

■ 41.2116, 43.6445,
46.2970

■ 18.4971, 14.0559,
41.7830

■ 47.6894, 52.4078,
47.6471

■ 15.7099, 10.6951,
41.2812

■ 54.8650, 62.2044,
49.1598

■ 13.4387, 8.0736,
40.8949

■ 62.7591, 73.0666,
50.8403

■ 11.6477, 6.1322,
40.6146

■ 71.3911, 85.0257,
52.6937

■ 10.2959, 4.8019,
40.4290

■ 77.9068, 92.3649,
53.7669

■ 9.3181, 3.9662,
40.3193

■ 82.0073, 94.4788,
53.9588

■ 9.1814, 3.8506,
40.3042

■ 84.6401, 95.8360,
54.0820

Harmonies

Analogous

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



27.9113, 29.0774, 46.8138



30.2619, 29.0774, 44.0619



31.9831, 29.0774, 37.9744

Triad

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



30.2619, 29.0774, 44.0619



29.7619, 29.0774, 21.2307



23.2714, 29.0774, 32.4494

Complementary

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



30.2619, 29.0774, 44.0619



35.3293, 40.1183, 31.4741

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.



23.7040, 29.0774, 26.0881



30.2619, 29.0774, 44.0619



27.3649, 29.0774, 20.1904

Square

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



30.2619, 29.0774, 44.0619



31.6828, 29.0774, 24.9149



25.1688, 29.0774, 21.8359



23.9515, 29.0774, 39.5251

Rectangle

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



30.2619, 29.0774, 44.0619



32.4921, 29.0774, 33.2111



25.1688, 29.0774, 21.8359



23.2917, 29.0774, 30.1587

Sweetspot

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



30.2628, 29.0786, 44.0625



66.5267, 68.1415, 82.2832



32.1434, 35.5020, 45.2033



14.6431, 14.9543, 18.2590



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.



30.2628, 29.0786, 44.0625



51.4807, 48.2838, 79.2432



33.3773, 30.6842, 44.2083



7.8056, 7.8741, 10.0611



6.7142, 2.8211, 29.2352



0.2439, 0.1079, 0.8160

Inverse Universe

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



33.8303, 31.0262, 39.3288



59.1907, 52.4960, 68.8704



32.3047, 38.5591, 31.3325



8.2289, 8.1048, 9.5163



15.1309, 7.5149, 13.6007



0.4441, 0.2183, 0.5003

Previews

White Background



This preview shows how the XYZ color 30.2619, 29.0774, 44.0619 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 30.2619, 29.0774, 44.0619 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 30.2619, 29.0774, 44.0619

Background



This preview shows how black text looks on a background with the XYZ color 30.2619, 29.0774, 44.0619.



This preview shows how white text looks on a background with the XYZ color 30.2619, 29.0774,

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

30.2619, 29.0774, 44.0619

Protanopia

28.7771, 28.9608, 45.1476

Deuteranopia

29.6752, 28.9968, 44.0773



Tritanopia

28.6056, 29.0747, 36.0026

Trichromacy



Original Color

30.2619, 29.0774, 44.0619

Protanomaly

29.2127, 28.9710, 44.6097

Deuteranomaly

29.8569, 29.0905, 44.0858

Tritanomaly

29.1618, 29.0749, 38.7254

Monochromacy



Original Color

30.2619, 29.0774, 44.0619

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0281, 29.5104, 36.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2619, 29.0774, 44.0619 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(152, 142, 174)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 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(152, 142, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 174) }
```

Border

The CSS property to change the border of an element to XYZ 30.2619, 29.0774, 44.0619 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(152, 142, 174) }
```


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

```
.border{ border-color:rgb(152, 142, 174) }
```

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

Here you see how a box with a 4 pixel rgb(152, 142, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 174);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2619, 29.0774, 44.0619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 174) }
```

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

```
.background{ background-color: rgb(152,  
142, 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](#).

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