

Converting Colors

XYZ(30.3219, 27.9590, 56.6218)

Have a look what the booklet for
XYZ(30.3219, 27.9590, 56.6218)
contains.

XYZ(30.3219, 27.9590, 56.6218)	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(30.3219, 27.9590,
56.6218)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8AC5
RGB	142, 138, 197
RGB Percent	56%, 54%, 77%
CMY	0.4431, 0.4588, 0.2274
CMYK	0.28, 0.30, 0.00, 0.23
HSL	244°, 34%, 66%
HSV	244°, 30%, 77%
XYZ	30.3219, 27.9590, 56.6218
YIQ	145.9220, -16.5550, 19.1970

Conversions

Conversions Part 2

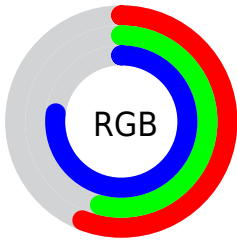
Format	Color
RYB	142, 138, 197
Decimal	9341637
CIELab	59.85, 14.70, -30.05
CIELCh	60, 33.455, 296.063
Yxy	27.9590, 0.2639, 0.2433
Android (android.graphics.Color)	4287531717 (0xFF8E8AC5)
YUV	145.9220, 25.1815, -3.4396
Hunter-Lab	52.8763, 9.8274, -26.4765

Details

The XYZ color **30.3219, 27.9590, 56.6218** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5467, 53.1055, 31.8430**, and the grayscale version is **27.1955, 28.6118, 31.1582**.

A 20% lighter version of the original color is **59.5462, 56.2877, 101.4921**, and **12.6641, 11.1363, 27.4686** is the 20% darker color. If you saturate the color by 10%, you get **24.8523, 21.3178, 55.6287**, and if you desaturate by 10%, it is **36.8251, 35.8953, 57.8114**.

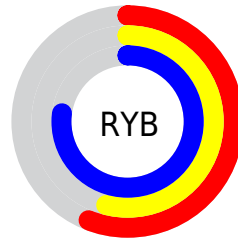
Distribution



Red (56%)

Green (54%)

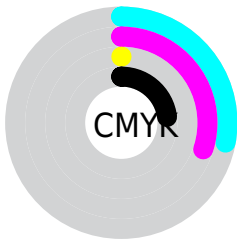
Blue (77%)



Red (56%)

Yellow (54%)

Blue (77%)

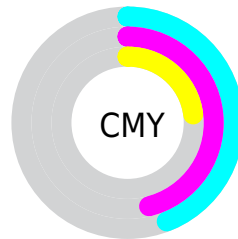


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3219, 27.9590, 56.6218 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 30.3219, 27.9590, 56.6218 by changing the saturation by 10% instead.

■ 30.3219, 27.9590,
56.6218

■ 30.3219, 27.9590,
56.6218

295.2850,
292.2710, 429.4846

■ 20.2323, 18.2948,
40.2943

■ 59.5540, 56.4190,
101.4080

■ 12.6733, 11.1618,
27.4526

■ 79.4273, 75.9835,
130.7038

■ 7.2794, 6.1758,
17.6780

■ 103.2925, 99.6169,
165.1594

■ 3.6853, 2.9523,
10.5520

131.5150,
127.7036, 205.1935

■ 1.5257, 1.1069,
5.6561

164.4601,
160.6279, 251.2245

■ 0.3432, 0.0000,
2.5717

202.4933,

■ 0.0000, 0.0000,

198.7743, 303.6710

0.8778

245.9798,
242.5272, 362.9515

■ 0.0000, 0.0000,
0.0000

■ 30.3219, 27.9590,
56.6218

■ 30.3219, 27.9590,
56.6218

■ 24.8523, 21.3178,
55.6287

■ 36.8251, 35.8953,
57.8114

■ 20.3604, 15.8997,
54.8196

■ 44.4085, 45.1868,
59.2051

■ 16.7891, 11.6311,
54.1839

■ 53.1190, 55.8940,
60.8127

■ 14.0746, 8.4287,
53.7089

■ 63.0002, 68.0725,
62.6426

■ 12.1446, 6.1982,
53.3801

■ 74.0931, 81.7753,
64.7029

■ 10.9148, 4.8288,
53.1806

■ 86.0518, 96.2821,
66.8727

■ 10.2520, 4.1225,
53.0792

■ 87.0781, 96.8113,
66.9207

■ 10.2494, 4.1195,
53.0787

Harmonies

Analogous

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



26.0181, 27.9590, 60.2046



30.3219, 27.9590, 56.6218



33.9330, 27.9590, 45.4369

Triad

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



30.3219, 27.9590, 56.6218



31.3935, 27.9590, 14.8823



19.2384, 27.9590, 28.8666

Complementary

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



30.3219, 27.9590, 56.6218



46.5467, 53.1055, 31.8430

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.



20.3645, 27.9590, 19.1737



30.3219, 27.9590, 56.6218



27.1382, 27.9590, 12.5772

Square

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



30.3219, 27.9590, 56.6218



34.5965, 27.9590, 21.2883



23.1488, 27.9590, 13.9090



19.8991, 27.9590, 41.9043

Rectangle

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



30.3219, 27.9590, 56.6218



35.3040, 27.9590, 36.4233



23.1488, 27.9590, 13.9090



19.4170, 27.9590, 25.1552

Sweetspot

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



30.3229, 27.9601, 56.6224



80.7231, 82.3872, 106.2555



39.6448, 47.6046, 59.9229



16.8167, 17.0679, 22.6581



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.3229, 27.9601, 56.6224



47.6360, 41.9674, 100.1976



36.0566, 30.9159, 56.8908



10.1222, 10.3212, 13.3762



6.7677, 2.7231, 34.9133



0.3442, 0.1412, 1.6543

Inverse Universe

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



41.7408, 33.8985, 54.7957



71.4367, 54.3511, 96.1654



39.7751, 49.6146, 31.5261



11.0509, 10.8037, 13.2511



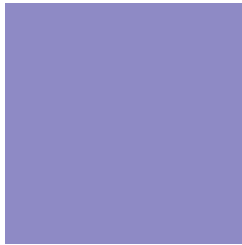
20.8239, 10.0791, 30.6120



0.9956, 0.4811, 1.4999

Previews

White Background



This preview shows how the XYZ color 30.3219, 27.9590, 56.6218 looks on a white background.

Color Contrast Check

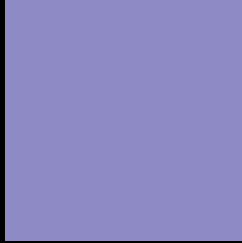
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3219, 27.9590, 56.6218 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 30.3219, 27.9590, 56.6218

Background



This preview shows how black text looks on a background with the XYZ color 30.3219, 27.9590, 56.6218.



This preview shows how white text looks on a background with the XYZ color 30.3219, 27.9590,

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

30.3219, 27.9590, 56.6218

Protanopia

28.8507, 28.0282, 58.5330

Deuteranopia

28.6901, 27.9987, 56.1167



Tritanopia

26.1962, 28.0604, 35.9338

Trichromacy



Original Color

30.3219, 27.9590, 56.6218

Protanomaly

29.3494, 28.0788, 57.9057

Deuteranomaly

29.3202, 28.1036, 56.1037

Tritanomaly

27.5854, 27.9418, 42.9691

Monochromacy



Original Color

30.3219, 27.9590, 56.6218

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2910, 28.3813, 39.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3219, 27.9590, 56.6218 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(142, 138, 197)` looks like.

```
.text, #text, p{  
    color:rgb(142, 138, 197)  
}
```

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(142, 138, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 138, 197) }
```

Border

The CSS property to change the border of an element to XYZ 30.3219, 27.9590, 56.6218 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(142, 138, 197) }
```


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

```
.border{ border-color:rgb(142, 138, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 138, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 138, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 138, 197);  
box-shadow:4px 4px 4px 4px rgb(142, 138,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3219, 27.9590, 56.6218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 138, 197) }
```

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

```
.background{ background-color: rgb(142,  
138, 197) }
```

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