

Converting Colors

XYZ(30.9548, 29.1778, 56.8717)

Have a look what the booklet for
XYZ(30.9548, 29.1778, 56.8717)
contains.

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Color

**XYZ(30.9064, 29.1280,
56.8166)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8EC5
RGB	142, 142, 197
RGB Percent	56%, 56%, 77%
CMY	0.4431, 0.4431, 0.2274
CMYK	0.28, 0.28, 0.00, 0.23
HSL	240°, 32%, 66%
HSV	240°, 28%, 77%
XYZ	30.9064, 29.1280, 56.8166
YIQ	148.2700, -17.6550, 17.1050

Conversions

Conversions Part 2

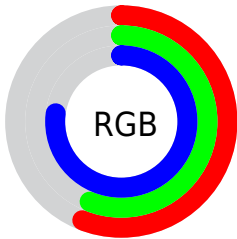
Format	Color
RYB	142, 142, 197
Decimal	9342661
CIELab	60.89, 12.39, -28.44
CIElCh	61, 31.019, 293.534
Yxy	29.1280, 0.2645, 0.2493
Android (android.graphics.Color)	4287532741 (0xFF8E8EC5)
YUV	148.2700, 24.0239, -5.4988
Hunter-Lab	53.9704, 7.7708, -24.6375

Details

The XYZ color **30.9064, 29.1280, 56.8166** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.8753, 53.7563, 33.4450**, and the grayscale version is **28.1699, 29.6369, 32.2746**.

A 20% lighter version of the original color is **60.6553, 58.5059, 101.8618**, and **13.0015, 11.8111, 27.5811** is the 20% darker color. If you saturate the color by 10%, you get **25.1439, 22.1845, 55.7806**, and if you desaturate by 10%, it is **37.7862, 37.4177, 58.0546**.

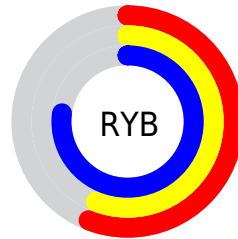
Distribution



Red (56%)

Green (56%)

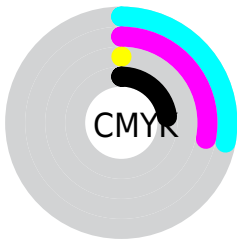
Blue (77%)



Red (56%)

Yellow (56%)

Blue (77%)

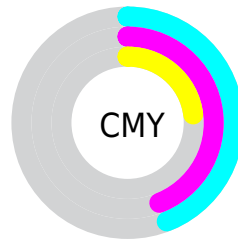


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (23%)



Cyan (44%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9064, 29.1280, 56.8166 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 30.9064, 29.1280, 56.8166 by changing the saturation by 10% instead.

■ 30.9064, 29.1280,
56.8166

■ 30.9064, 29.1280,
56.8166

297.9415,
297.8184, 430.2362

■ 20.6791, 19.1777,
40.4496

■ 60.4695, 58.2804,
101.6952

■ 13.0007, 11.7987,
27.5728

■ 80.5360, 78.2512,
131.0439

■ 7.5061, 6.6068,
17.7677

■ 104.6129,
102.3311, 165.5570

■ 3.8297, 3.2174,
10.6156

133.0657,
130.9042, 205.6529

■ 1.6062, 1.2463,
5.6981

166.2595,
164.3552, 251.7503

■ 0.3965, 0.0990,
2.5966

204.5599,

■ 0.0000, 0.0000,

203.0682, 304.2676

0.8907

248.3321,
247.4279, 363.6234

■ 0.0000, 0.0000,
0.0000

■ 30.9064, 29.1280,
56.8166

■ 30.9064, 29.1280,
56.8166

■ 25.1439, 22.1845,
55.7806

■ 37.7862, 37.4177,
58.0546

■ 20.4370, 16.5130,
54.9340

■ 45.8348, 47.1157,
59.5023

■ 16.7226, 12.0375,
54.2659

■ 55.1039, 58.2844,
61.1695

■ 13.9297, 8.6722,
53.7635

■ 65.6415, 70.9815,
63.0649

■ 11.9779, 6.3203,
53.4124

■ 77.4928, 85.2616,
65.1966

■ 10.7727, 4.8682,
53.1956

■ 87.0781, 96.8113,
66.9207

■ 10.1740, 4.1468,
53.0880

■ 10.0781, 4.0313,
53.0707

Harmonies

Analogous

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



26.8191, 29.1280, 59.3763



30.9064, 29.1280, 56.8166



34.4187, 29.1280, 46.8718

Triad

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



30.9064, 29.1280, 56.8166



32.5670, 29.1280, 16.9699



20.6576, 29.1280, 29.2738

Complementary

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



30.9064, 29.1280, 56.8166



47.8753, 53.7563, 33.4450

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.



21.8928, 29.1280, 20.2389



30.9064, 29.1280, 56.8166



28.5700, 29.1280, 14.3395

Square

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



30.9064, 29.1280, 56.8166



35.4408, 29.1280, 23.6313



24.6961, 29.1280, 15.3706



21.1527, 29.1280, 41.4604

Rectangle

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



30.9064, 29.1280, 56.8166



35.8286, 29.1280, 38.4533



24.6961, 29.1280, 15.3706



20.8800, 29.1280, 25.8146

Sweetspot

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



30.9074, 29.1291, 56.8173



81.7730, 84.0020, 106.5119



41.0956, 49.6732, 59.6967



17.0031, 17.3778, 22.7080



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.



30.9074, 29.1291, 56.8173



48.3205, 43.6940, 100.4948



36.0249, 31.7673, 57.0568



10.0567, 10.2875, 13.3731



6.6288, 2.6515, 34.9068



0.3139, 0.1255, 1.6528

Inverse Universe

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



37.5823, 33.1703, 30.0140



62.3940, 52.2145, 43.9824



41.5173, 50.4787, 33.1475



10.6339, 10.6369, 11.0554



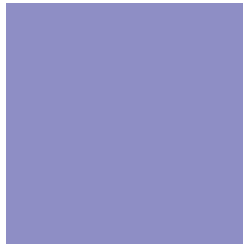
15.1452, 7.8077, 0.7088



0.7171, 0.3697, 0.0336

Previews

White Background



This preview shows how the XYZ color 30.9064, 29.1280, 56.8166 looks on a white background.

Color Contrast Check

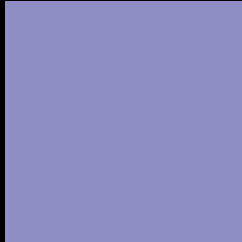
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9064, 29.1280, 56.8166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

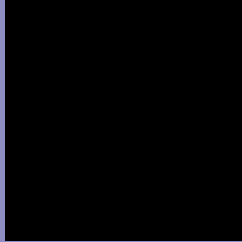
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9064, 29.1280, 56.8166

Background



This preview shows how black text looks on a background with the XYZ color 30.9064, 29.1280, 56.8166.



This preview shows how white text looks on a background with the XYZ color 30.9064, 29.1280,

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

30.9064, 29.1280, 56.8166

Protanopia

29.7943, 29.1996, 58.0986

Deuteranopia

29.9207, 29.3047, 56.3039



Tritanopia

27.1721, 29.2190, 37.9259

Trichromacy



Original Color

30.9064, 29.1280, 56.8166

Protanomaly

30.1580, 29.1746, 57.4679

Deuteranomaly

30.2536, 29.2504, 56.2759

Tritanomaly

28.4001, 29.0170, 44.1484

Monochromacy



Original Color

30.9064, 29.1280, 56.8166

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.0159, 29.4219, 40.2261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9064, 29.1280, 56.8166 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, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 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, 142, 197) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 30.9064, 29.1280, 56.8166 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, 142, 197) }
```


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

```
.border{ border-color:rgb(142, 142, 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, 142, 197)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 30.9064, 29.1280, 56.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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