

Converting Colors

XYZ(30.9001, 28.7515, 63.5978)

Have a look what the booklet for
XYZ(30.9001, 28.7515, 63.5978)
contains.

XYZ(30.9017, 28.7547, 63.5960)	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(30.9017, 28.7547,
63.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	878DD0
RGB	135, 141, 208
RGB Percent	53%, 55%, 82%
CMY	0.4706, 0.4470, 0.1843
CMYK	0.35, 0.32, 0.00, 0.18
HSL	235°, 44%, 67%
HSV	235°, 35%, 82%
XYZ	30.9017, 28.7547, 63.5960
YIQ	146.8440, -25.0830, 19.5650

Conversions

Conversions Part 2

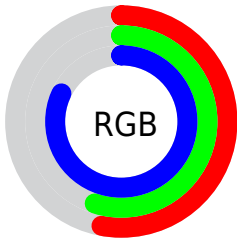
Format	Color
RYB	135, 141, 208
Decimal	8883664
CIELab	60.56, 13.79, -35.17
CIELCh	61, 37.780, 291.408
Yxy	28.7547, 0.2507, 0.2333
Android (android.graphics.Color)	4287073744 (0xFF878DD0)
YUV	146.8440, 30.1499, -10.3872
Hunter-Lab	53.6234, 9.0237, -32.7800

Details

The XYZ color **30.9017, 28.7547, 63.5960** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5069, 57.4011, 31.2877**, and the grayscale version is **27.5565, 28.9915, 31.5718**.

A 20% lighter version of the original color is **58.8003, 57.1974, 102.5488**, and **12.9705, 11.5759, 31.6877** is the 20% darker color. If you saturate the color by 10%, you get **25.2999, 22.0426, 62.5962**, and if you desaturate by 10%, it is **37.6445, 36.7764, 64.7895**.

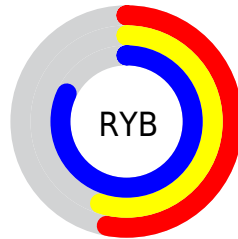
Distribution



Red (53%)

Green (55%)

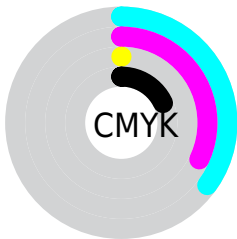
Blue (82%)



Red (53%)

Yellow (55%)

Blue (82%)

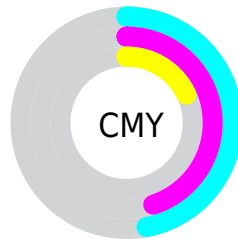


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (18%)



Cyan (47%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9017, 28.7547, 63.5960 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 30.9017, 28.7547, 63.5960 by changing the saturation by 10% instead.

■ 30.9017, 28.7547,
63.5960

■ 30.9017, 28.7547,
63.5960

297.9202,
296.0558, 455.8966

■ 20.6755, 18.8953,
45.8794

■ 60.4622, 57.6871,
111.6228

■ 12.9981, 11.5947,
31.8027

■ 80.5271, 77.5290,
142.7701

■ 7.5042, 6.4683,
20.9473

■ 104.6023,
101.4671, 179.2314

■ 3.8285, 3.1319,
12.8946

133.0532,
129.8859, 221.4252

■ 1.6056, 1.2010,
7.2261

166.2451,
163.1698, 269.7701

■ 0.3960, 0.0625,
3.5233

204.5433,

■ 0.0000, 0.0000,

201.7031, 324.6846

1.3677

248.3132,
245.8703, 386.5873

■ 0.0000, 0.0000,
0.1163

■ 0.0000, 0.0000,
0.0000

■ 30.9017, 28.7547,
63.5960

■ 30.9017, 28.7547,
63.5960

■ 25.2999, 22.0426,
62.5962

■ 37.6445, 36.7764,
64.7895

■ 20.7729, 16.5674,
61.7780

■ 45.5835, 46.1686,
66.1839

■ 17.2524, 12.2541,
61.1310

■ 54.7739, 56.9927,
67.7888

■ 14.6610, 9.0184,
60.6430

■ 65.2666, 69.3050,
69.6123

■ 12.9099, 6.7644,
60.3002

■ 77.1099, 83.1590,
71.6622

■ 11.8926, 5.3792,
60.0865

■ 88.3853, 97.3341,
73.8040

■ 11.5872, 4.9580,
60.0213

Harmonies

Analogous

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



25.9521, 28.7547, 66.1196



30.9017, 28.7547, 63.5960



35.3428, 28.7547, 51.2480

Triad

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



30.9017, 28.7547, 63.5960



33.6133, 28.7547, 14.6478



19.0605, 28.7547, 27.4624

Complementary

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



30.9017, 28.7547, 63.5960



51.5069, 57.4011, 31.2877

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.



20.6310, 28.7547, 17.3566



30.9017, 28.7547, 63.5960



28.7568, 28.7547, 11.5414

Square

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



30.9017, 28.7547, 63.5960



37.0335, 28.7547, 22.4863



24.0456, 28.7547, 12.3584



19.4902, 28.7547, 42.1817

Rectangle

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



30.9017, 28.7547, 63.5960



37.2270, 28.7547, 40.6851



24.0456, 28.7547, 12.3584



19.3645, 28.7547, 23.4969

Sweetspot

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



30.9027, 28.7558, 63.5967



77.8028, 79.7228, 105.8951



43.1992, 54.5237, 64.0733



16.2355, 16.5719, 22.5929



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.



30.9027, 28.7558, 63.5967



42.2513, 37.5199, 99.6229



35.6540, 29.9273, 63.5724



11.2407, 11.5716, 14.8847



7.2507, 3.1479, 37.4179



0.4332, 0.2315, 2.1014

Inverse Universe

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



39.4850, 32.6620, 29.4236



57.8746, 44.8326, 37.3684



45.1945, 56.2775, 31.4035



11.8476, 11.8238, 12.4734



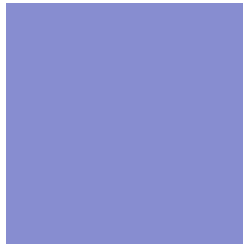
16.2905, 8.3890, 1.1702



0.9249, 0.4747, 0.1392

Previews

White Background



This preview shows how the XYZ color 30.9017, 28.7547, 63.5960 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 30.9017, 28.7547, 63.5960 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 30.9017, 28.7547, 63.5960

Background



This preview shows how black text looks on a background with the XYZ color 30.9017, 28.7547, 63.5960.



This preview shows how white text looks on a background with the XYZ color 30.9017, 28.7547,

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

30.9017, 28.7547, 63.5960

Protanopia

29.9183, 28.8847, 64.9712

Deuteranopia

29.4041, 28.6625, 63.0141



Tritanopia

25.8854, 28.7813, 38.3735

Trichromacy



Original Color

30.9017, 28.7547, 63.5960

Protanomaly

30.2332, 28.8376, 64.2943

Deuteranomaly

29.8373, 28.6619, 62.9912

Tritanomaly

27.6237, 28.7892, 46.7488

Monochromacy



Original Color

30.9017, 28.7547, 63.5960

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6145, 28.9550, 41.6168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9017, 28.7547, 63.5960 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(135, 141, 208)` looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 208)  
}
```

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(135, 141, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 208) }
```

Border

The CSS property to change the border of an element to XYZ 30.9017, 28.7547, 63.5960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

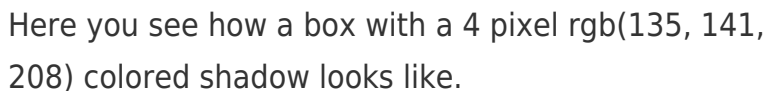
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 141, 208) }
```


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

```
.border{ border-color:rgb(135, 141, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 141, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 208);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9017, 28.7547, 63.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 208) }
```

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

```
.background{ background-color: rgb(135,  
141, 208) }
```

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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