

Converting Colors

XYZ(30.5908, 28.4257, 62.8832)

Have a look what the booklet for
XYZ(30.5908, 28.4257, 62.8832)
contains.

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Color

**XYZ(30.6322, 28.4121,
62.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	878CCF
RGB	135, 140, 207
RGB Percent	53%, 55%, 81%
CMY	0.4706, 0.4510, 0.1882
CMYK	0.35, 0.32, 0.00, 0.19
HSL	236°, 43%, 67%
HSV	236°, 35%, 81%
XYZ	30.6322, 28.4121, 62.9011
YIQ	146.1430, -24.4870, 19.7770

Conversions

Conversions Part 2

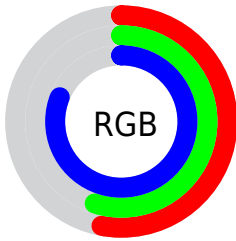
Format	Color
R_{YB}	135, 140, 207
Decimal	8883407
CIE _{Lab}	60.26, 14.10, -35.09
CIE _{LCh}	60, 37.817, 291.897
Yxy	28.4121, 0.2512, 0.2330
Android (android.graphics.Color)	4287073487 (0xFF878CCF)
YUV	146.1430, 30.0025, -9.7724
Hunter-Lab	53.3030, 9.3002, -32.6541

Details

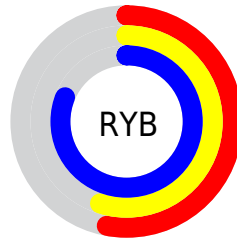
The XYZ color **30.6322, 28.4121, 62.9011** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2264, 57.2562, 31.2743**, and the grayscale version is **27.2691, 28.6892, 31.2425**.

A 20% lighter version of the original color is **58.3552, 56.3071, 102.4004**, and **12.8033, 11.3732, 31.2262** is the 20% darker color. If you saturate the color by 10%, you get **25.0473, 21.7145, 61.9032**, and if you desaturate by 10%, it is **37.3593, 36.4310, 64.0949**.

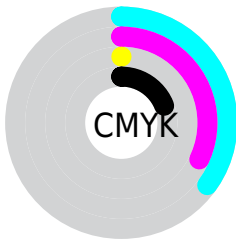
Distribution



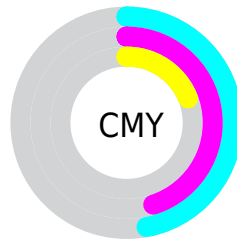
- Red (53%)
- Green (55%)
- Blue (81%)



- Red (53%)
- Yellow (55%)
- Blue (81%)



- Cyan (35%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6322, 28.4121, 62.9011 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 30.6322, 28.4121, 62.9011 by changing the saturation by 10% instead.

■ 30.6322, 28.4121,
62.9011

■ 30.6322, 28.4121,
62.9011

296.6975,
294.4309, 453.3085

■ 20.4694, 18.6365,
45.3207

■ 60.0403, 57.1417,
110.6110

■ 12.8469, 11.4079,
31.3653

■ 80.0164, 76.8645,
141.5776

■ 7.3995, 6.3419,
20.6164

■ 103.9942,
100.6719, 177.8434

■ 3.7617, 3.0541,
12.6554

132.3391,
128.9483, 219.8269

■ 1.5682, 1.1600,
7.0638

165.4166,
162.0779, 267.9466

■ 0.3716, 0.0287,
3.4230

203.5919,

■ 0.0000, 0.0000,

200.4453, 322.6211

1.3144

247.2304,
244.4348, 384.2689

■ 0.0000, 0.0000,
0.0736

■ 0.0000, 0.0000,
0.0000

■ 30.6322, 28.4121,
62.9011

■ 30.6322, 28.4121,
62.9011

■ 25.0473, 21.7145,
61.9032

■ 37.3593, 36.4310,
64.0949

■ 20.5383, 16.2642,
61.0888

■ 45.2839, 45.8334,
65.4920

■ 17.0364, 11.9848,
60.4474

■ 54.4617, 56.6816,
67.1022

■ 14.4641, 8.7903,
59.9664

■ 64.9436, 69.0330,
68.9338

■ 12.7321, 6.5826,
59.6315

■ 76.7779, 82.9420,
70.9948

■ 11.7335, 5.2459,
59.4262

■ 88.2626, 97.2850,
73.1580

■ 11.4247, 4.8293,
59.3620

Harmonies

Analogous

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



25.7124, 28.4121, 65.6021



30.6322, 28.4121, 62.9011



35.0233, 28.4121, 50.5040

Triad

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



30.6322, 28.4121, 62.9011



33.1743, 28.4121, 14.3262



18.7884, 28.4121, 27.3241

Complementary

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



30.6322, 28.4121, 62.9011



51.2264, 57.2562, 31.2743

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.



20.3144, 28.4121, 17.2147



30.6322, 28.4121, 62.9011



28.3399, 28.4121, 11.3198

Square

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



30.6322, 28.4121, 62.9011



36.6090, 28.4121, 22.0104



23.6758, 28.4121, 12.1901



19.2471, 28.4121, 41.9972

Rectangle

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



30.6322, 28.4121, 62.9011



36.8681, 28.4121, 39.9934



23.6758, 28.4121, 12.1901



19.0791, 28.4121, 23.3610

Sweetspot

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



30.6332, 28.4132, 62.9018



79.1747, 81.2640, 106.1203



42.8479, 53.9943, 63.4226



16.5055, 16.8722, 22.6367



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.



30.6332, 28.4132, 62.9018



42.0224, 37.0620, 99.5466



35.4444, 29.8332, 62.9223



11.2287, 11.5476, 14.8808



7.2236, 3.0938, 37.4089



0.4275, 0.2202, 2.0995

Inverse Universe

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



39.1305, 32.4877, 29.0204



57.7591, 44.7864, 36.7599



44.8182, 55.7227, 31.3160



11.8416, 11.8214, 12.4415



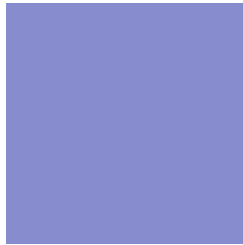
16.2769, 8.3836, 1.0982



0.9220, 0.4735, 0.1242

Previews

White Background



This preview shows how the XYZ color 30.6322, 28.4121, 62.9011 looks on a white background.

Color Contrast Check

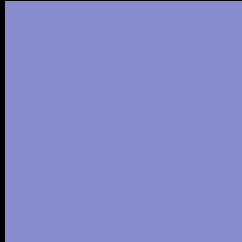
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6322, 28.4121, 62.9011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

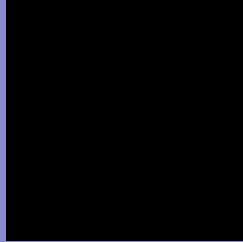
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6322, 28.4121, 62.9011

Background



This preview shows how black text looks on a background with the XYZ color 30.6322, 28.4121, 62.9011.



This preview shows how white text looks on a background with the XYZ color 30.6322, 28.4121,

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

30.6322, 28.4121, 62.9011

Protanopia

29.6433, 28.5335, 64.2667

Deuteranopia

29.1399, 28.5403, 62.3655



Tritanopia

25.6379, 28.4281, 37.8541

Trichromacy



Original Color

30.6322, 28.4121, 62.9011

Protanomaly

29.9603, 28.4893, 63.5944

Deuteranomaly

29.7154, 28.6132, 62.3492

Tritanomaly

27.3680, 28.4392, 46.1664

Monochromacy



Original Color

30.6322, 28.4121, 62.9011

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1965, 28.5245, 41.0654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6322, 28.4121, 62.9011 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, 140, 207)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 207)  
}
```

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, 140, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 207) }
```

Border

The CSS property to change the border of an element to XYZ 30.6322, 28.4121, 62.9011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

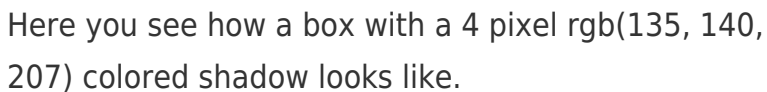
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 140, 207) }
```


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

```
.border{ border-color:rgb(135, 140, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 140, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 140, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 140, 207); box-shadow:4px 4px 4px 4px rgb(135, 140, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6322, 28.4121, 62.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 207) }
```

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

```
.background{ background-color: rgb(135,  
140, 207) }
```

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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