

Converting Colors

XYZ(30.1812, 29.1548, 62.8330)

Have a look what the booklet for
XYZ(30.1812, 29.1548, 62.8330)
contains.

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Color

**XYZ(30.1378, 29.0407,
63.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	8090CF
RGB	128, 144, 207
RGB Percent	50%, 56%, 81%
CMY	0.4980, 0.4353, 0.1882
CMYK	0.38, 0.30, 0.00, 0.19
HSL	228°, 45%, 66%
HSV	228°, 38%, 81%
XYZ	30.1378, 29.0407, 63.0485
YIQ	146.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

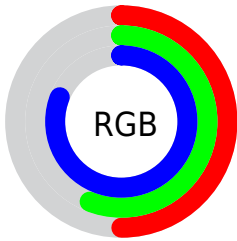
Format	Color
RYB	128, 141, 207
Decimal	8425679
CIELab	60.82, 9.84, -34.26
CIElCh	61, 35.642, 286.031
Yxy	29.0407, 0.2466, 0.2376
Android (android.graphics.Color)	4286615759 (0xFF8090CF)
YUV	146.3980, 29.8768, -16.1350
Hunter-Lab	53.8894, 5.5201, -31.6444

Details

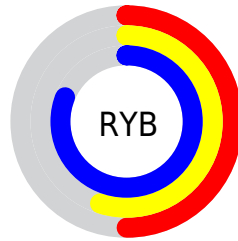
The XYZ color **30.1378, 29.0407, 63.0485** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.2600, 52.0863, 27.9333**, and the grayscale version is **27.3756, 28.8013, 31.3646**.

A 20% lighter version of the original color is **57.7725, 57.6754, 102.6953**, and **12.5719, 11.7683, 31.3147** is the 20% darker color. If you saturate the color by 10%, you get **25.0160, 22.9566, 62.1446**, and if you desaturate by 10%, it is **36.2624, 36.1856, 64.1053**.

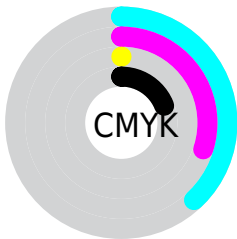
Distribution



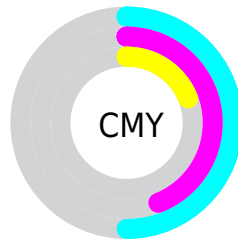
- Red (50%)
- Green (56%)
- Blue (81%)



- Red (50%)
- Yellow (55%)
- Blue (81%)



- Cyan (38%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1378, 29.0407, 63.0485 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 30.1378, 29.0407, 63.0485 by changing the saturation by 10% instead.

■ 30.1378, 29.0407,
63.0485

■ 30.1378, 29.0407,
63.0485

294.4446,
297.4069, 453.8583

■ 20.0918, 19.1116,
45.4392

■ 59.2652, 58.1417,
110.8257

■ 12.5704, 11.7510,
31.4580

■ 79.0772, 78.0825,
141.8307

■ 7.2084, 6.5743,
20.6865

■ 102.8754,
102.1292, 178.1381

■ 3.6402, 3.1973,
12.7060

131.0249,
130.6664, 220.1662

■ 1.5007, 1.2356,
7.0981

163.8913,
164.0784, 268.3338

■ 0.3263, 0.0905,
3.4441

201.8398,

■ 0.0000, 0.0000,

202.7495, 323.0593

1.3256

245.2357,
247.0642, 384.7613

■ 0.0000, 0.0000,
0.0827

■ 0.0000, 0.0000,
0.0000

■ 30.1378, 29.0407,
63.0485

■ 30.1378, 29.0407,
63.0485

■ 25.0160, 22.9566,
62.1446

■ 36.2624, 36.1856,
64.1053

■ 20.8392, 17.8783,
61.3846

■ 43.4372, 44.4361,
65.3197

■ 17.5483, 13.7509,
60.7613

■ 51.7100, 53.8383,
66.6985

■ 15.0761, 10.5123,
60.2665

■ 61.1251, 64.4346,
68.2475

■ 13.3450, 8.0927,
59.8907

■ 71.7241, 76.2653,
69.9725

■ 12.2469, 6.4030,
59.6225

■ 83.5465, 89.3689,
71.8786

■ 12.0879, 6.1556,
59.5831

■ 88.2626, 97.2850,
73.1580

Harmonies

Analogous

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



25.5061, 29.0407, 63.4260



30.1378, 29.0407, 63.0485



34.5274, 29.0407, 52.8611

Triad

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



30.1378, 29.0407, 63.0485



34.2647, 29.0407, 16.5763



19.8244, 29.0407, 25.8497

Complementary

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



30.1378, 29.0407, 63.0485



48.2600, 52.0863, 27.9333

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.



21.6712, 29.0407, 17.0023



30.1378, 29.0407, 63.0485



29.8104, 29.0407, 12.7537

Square

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



30.1378, 29.0407, 63.0485



37.0862, 29.0407, 25.0815



25.2132, 29.0407, 12.8840



19.8911, 29.0407, 39.2071

Rectangle

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



30.1378, 29.0407, 63.0485



36.5747, 29.0407, 43.1659



25.2132, 29.0407, 12.8840



20.2322, 29.0407, 22.3424

Sweetspot

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



30.1388, 29.0418, 63.0492



78.7473, 81.6119, 106.2100



40.4973, 52.9282, 56.7309



16.4587, 17.0184, 22.6674



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.



30.1388, 29.0418, 63.0492



41.3065, 38.2474, 99.8131



31.6310, 26.4649, 62.4732



11.3549, 11.8000, 14.9228



7.6704, 3.9873, 37.5578



0.4864, 0.3381, 2.1192

Inverse Universe

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



38.4862, 30.7184, 30.2874



56.7589, 41.9403, 39.0336



46.1251, 56.4515, 28.8884



11.9053, 11.8468, 12.7769



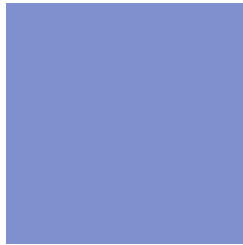
16.5024, 8.4738, 2.2857



0.9518, 0.4854, 0.2808

Previews

White Background



This preview shows how the XYZ color 30.1378, 29.0407, 63.0485 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 30.1378, 29.0407, 63.0485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

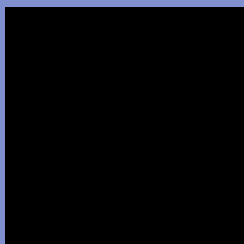
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1378, 29.0407, 63.0485

Background



This preview shows how black text looks on a background with the XYZ color 30.1378, 29.0407, 63.0485.



This preview shows how white text looks on a background with the XYZ color 30.1378, 29.0407,

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

30.1378, 29.0407, 63.0485

Protanopia

29.9881, 28.9635, 63.0415

Deuteranopia

29.8453, 29.1158, 63.0784



Tritanopia

25.4003, 28.9884, 39.3785

Trichromacy



Original Color

30.1378, 29.0407, 63.0485

Protanomaly

29.9881, 28.9635, 63.0415

Deuteranomaly

29.9921, 29.1914, 63.0852

Tritanomaly

27.0117, 28.9278, 47.3400

Monochromacy



Original Color

30.1378, 29.0407, 63.0485

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8407, 28.5669, 41.0924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1378, 29.0407, 63.0485 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(128, 144, 207)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 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(128, 144, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 207) }
```

Border

The CSS property to change the border of an element to XYZ 30.1378, 29.0407, 63.0485 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(128, 144, 207) }
```


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

```
.border{ border-color:rgb(128, 144, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 207);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1378, 29.0407, 63.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 207) }
```

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

```
.background{ background-color: rgb(128,  
144, 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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