

Converting Colors

XYZ(29.1089, 31.6465, 49.5846)

Have a look what the booklet for
XYZ(29.1089, 31.6465, 49.5846)
contains.

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Color

**XYZ(29.0399, 31.6315,
49.3747)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9CB7
RGB	126, 156, 183
RGB Percent	49%, 61%, 72%
CMY	0.5059, 0.3882, 0.2823
CMYK	0.31, 0.15, 0.00, 0.28
HSL	208°, 28%, 61%
HSV	208°, 31%, 72%
XYZ	29.0399, 31.6315, 49.3747
YIQ	150.1080, -26.5470, 2.0370

Conversions

Conversions Part 2

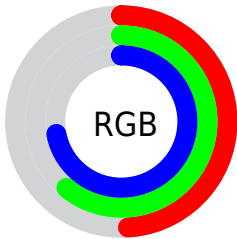
Format	Color
R _Y B	126, 146, 183
Decimal	8297655
CIE Lab	63.04, -3.92, -17.38
CIE LCh	63, 17.819, 257.305
Yxy	31.6315, 0.2639, 0.2874
Android (android.graphics.Color)	4286487735 (0xFF7E9CB7)
YUV	150.1080, 16.2158, -21.1427
Hunter-Lab	56.2419, -6.2567, -12.6813

Details

The XYZ color **29.0399, 31.6315, 49.3747** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.6860, 34.3564, 24.5428**, and the grayscale version is **28.9775, 30.4866, 33.1999**.

A 20% lighter version of the original color is **57.4490, 62.0285, 90.6062**, and **11.9825, 13.2107, 23.0375** is the 20% darker color. If you saturate the color by 10%, you get **25.1815, 27.5603, 48.7928**, and if you desaturate by 10%, it is **33.4978, 36.1673, 50.0158**.

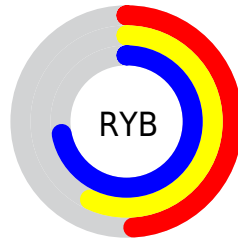
Distribution



Red (49%)

Green (61%)

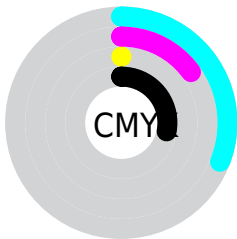
Blue (72%)



Red (49%)

Yellow (57%)

Blue (72%)

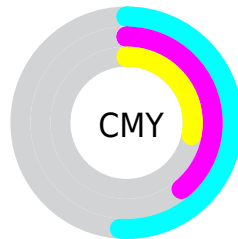


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0399, 31.6315, 49.3747 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 29.0399, 31.6315, 49.3747 by changing the saturation by 10% instead.

■ 29.0399, 31.6315,
49.3747

■ 29.0399, 31.6315,
49.3747

289.3940,
309.4372, 400.8804

■ 19.2554, 21.0802,
34.5491

■ 57.5376, 62.2329,
90.6345

■ 11.9601, 13.1826,
23.0350

■ 76.9815, 83.0519,
117.9057

■ 6.7885, 7.5544,
14.4138

■ 100.3760,
108.0621, 150.1626

■ 3.3753, 3.8112,
8.2670

128.0864,
137.6481, 187.8236

■ 1.3552, 1.5685,
4.1761

160.4780,
172.1942, 231.3074

■ 0.2240, 0.3362,
1.7224

197.9163,

■ 0.0000, 0.0000,

212.0848, 281.0324

0.3760

240.7665,
257.7044, 337.4172

■ 0.0000, 0.0000,
0.0000

■ 29.0399, 31.6315,
49.3747

■ 29.0399, 31.6315,
49.3747

■ 25.1815, 27.5603,
48.7928

■ 33.4978, 36.1673,
50.0158

■ 21.8904, 23.9318,
48.2659

■ 38.5790, 41.1810,
50.7157

■ 19.1359, 20.7275,
47.7925

■ 44.3100, 46.6898,
51.4770

■ 16.8829, 17.9259,
47.3705

■ 50.7144, 52.7089,
52.3012

■ 15.0913, 15.5029,
46.9973

■ 57.8148, 59.2528,
53.1901

■ 13.7143, 13.4306,
46.6699

■ 65.6326, 66.3353,
54.1451

■ 12.7596, 11.8434,
46.4138

■ 74.1884, 73.9696,
55.1677

■ 76.8065, 78.7172,
55.9461

■ 79.2144, 83.5331,
56.7488

Harmonies

Analogous

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



26.9779, 31.6315, 45.3563



29.0399, 31.6315, 49.3747



31.4900, 31.6315, 49.0180

Triad

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



29.0399, 31.6315, 49.3747



34.7975, 31.6315, 30.5768



26.7291, 31.6315, 26.0680

Complementary

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



29.0399, 31.6315, 49.3747



34.6860, 34.3564, 24.5428

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.



28.6832, 31.6315, 23.0854



29.0399, 31.6315, 49.3747



33.3786, 31.6315, 25.4350

Square

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



29.0399, 31.6315, 49.3747



34.9059, 31.6315, 37.4967



31.1135, 31.6315, 22.8707



25.6934, 31.6315, 31.5566

Rectangle

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



29.0399, 31.6315, 49.3747



33.0155, 31.6315, 46.3447



31.1135, 31.6315, 22.8707



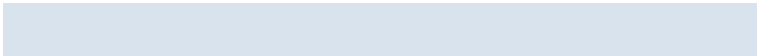
27.2954, 31.6315, 24.7735

Sweetspot

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



29.0409, 31.6328, 49.3754



71.0499, 75.6530, 91.0935



31.2552, 40.5900, 36.1521



15.3774, 16.4034, 20.0773



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.0409, 31.6328, 49.3754



47.4236, 51.8454, 87.7434



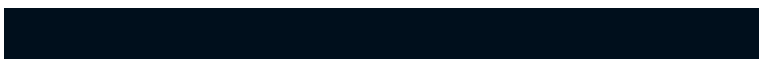
24.8583, 23.2676, 47.9812



8.9018, 9.4808, 11.4402



8.9704, 8.4005, 32.4017



0.3777, 0.4191, 1.1627

Inverse Universe

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



32.9909, 27.3901, 35.0019



55.7038, 43.6203, 57.4631



39.8392, 44.6627, 26.2605



9.1968, 9.0891, 10.3836



15.1415, 7.6304, 8.6320



0.5648, 0.2814, 0.4677

Previews

White Background



This preview shows how the XYZ color 29.0399, 31.6315, 49.3747 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.0399, 31.6315, 49.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

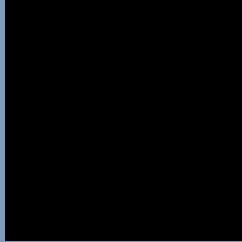
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

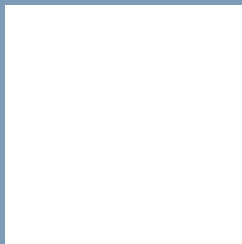
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0399, 31.6315, 49.3747

Background



This preview shows how black text looks on a background with the XYZ color 29.0399, 31.6315, 49.3747.



This preview shows how white text looks on a background with the XYZ color 29.0399, 31.6315,

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

29.0399, 31.6315, 49.3747

Protanopia

31.1589, 31.5395, 47.6255

Deuteranopia

32.1617, 31.5349, 49.7391



Tritanopia

27.7459, 31.6049, 43.1661

Trichromacy



Original Color

29.0399, 31.6315, 49.3747

Protanomaly

30.3792, 31.6076, 48.2158

Deuteranomaly

31.0353, 31.6679, 49.8242

Tritanomaly

28.1070, 31.4942, 45.1550

Monochromacy



Original Color

29.0399, 31.6315, 49.3747

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7343, 30.7278, 38.5990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0399, 31.6315, 49.3747 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(126, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(126, 156, 183)  
}
```

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(126, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 156, 183) }
```

Border

The CSS property to change the border of an element to XYZ 29.0399, 31.6315, 49.3747 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(126, 156, 183) }
```


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

```
.border{ border-color:rgb(126, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(126, 156,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0399, 31.6315, 49.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 156, 183) }
```

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

```
.background{ background-color: rgb(126,  
156, 183) }
```

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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