

Converting Colors

XYZ(30.1939, 29.6682, 46.2546)

Have a look what the booklet for
XYZ(30.1939, 29.6682, 46.2546)
contains.

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Color

**XYZ(30.1939, 29.6682,
46.2546)**

Conversions

Conversions Part 1

Format	Color
Hex	9391B2
RGB	147, 145, 178
RGB Percent	58%, 57%, 70%
CMY	0.4235, 0.4314, 0.3020
CMYK	0.17, 0.19, 0.00, 0.30
HSL	244°, 18%, 63%
HSV	244°, 19%, 70%
XYZ	30.1939, 29.6682, 46.2546
YIQ	149.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

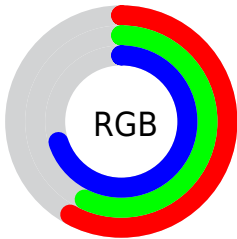
Format	Color
R_{YB}	147, 145, 178
Decimal	9671090
CIE Lab	61.37, 7.69, -16.96
CIE LCh	61, 18.617, 294.386
Yxy	29.6682, 0.2845, 0.2796
Android (android.graphics.Color)	4287861170 (0xFF9391B2)
YUV	149.3600, 14.1195, -2.0697
Hunter-Lab	54.4685, 3.6292, -12.2210

Details

The XYZ color **30.1939, 29.6682, 46.2546** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.9367, 43.1160, 33.0594**, and the grayscale version is **28.6646, 30.1574, 32.8414**.

A 20% lighter version of the original color is **59.3621, 59.2049, 86.1409**, and **12.6178, 12.1519, 21.0826** is the 20% darker color. If you saturate the color by 10%, you get **24.9005, 23.2137, 45.2882**, and if you desaturate by 10%, it is **36.3512, 37.2022, 47.3848**.

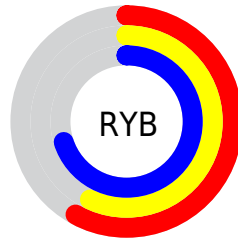
Distribution



Red (58%)

Green (57%)

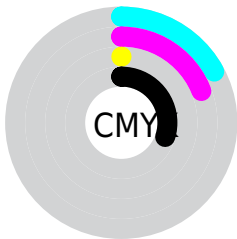
Blue (70%)



Red (58%)

Yellow (57%)

Blue (70%)

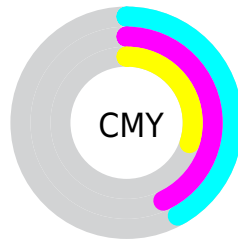


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (30%)



Cyan (42%)

Magenta (43%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1939, 29.6682, 46.2546 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 30.1939, 29.6682, 46.2546 by changing the saturation by 10% instead.

■ 30.1939, 29.6682,
46.2546

■ 30.1939, 29.6682,
46.2546

294.7009,
300.3548, 388.1386

■ 20.1346, 19.5869,
32.0967

■ 59.3532, 59.1371,
85.9382

■ 12.6018, 12.0951,
21.1699

■ 79.1839, 79.2934,
112.3009

■ 7.2300, 6.8085,
13.0558

103.0025,
103.5768, 143.5690

■ 3.6540, 3.3426,
7.3358

131.1743,
132.3718, 180.1610

■ 1.5083, 1.3131,
3.5914

164.0647,
166.0627, 222.4954

■ 0.3315, 0.1513,
1.4040

202.0390,

■ 0.0000, 0.0000,

205.0339, 270.9908

0.1448

245.4626,
249.6698, 326.0656

■ 0.0000, 0.0000,
0.0000

■ 30.1939, 29.6682,
46.2546

■ 30.1939, 29.6682,
46.2546

■ 24.9005, 23.2137,
45.2882

■ 36.3512, 37.2022,
47.3848

■ 20.4298, 17.7857,
44.4762

■ 43.4057, 45.8580,
48.6837

■ 16.7411, 13.3325,
43.8110

■ 51.3924, 55.6803,
50.1586

■ 13.7895, 9.7961,
43.2840

■ 60.3435, 66.7102,
51.8158

■ 11.5253, 7.1127,
42.8854

■ 70.2898, 78.9866,
53.6612

■ 9.8927, 5.2101,
42.6042

■ 81.2605, 92.5470,
55.7004

■ 8.8272, 4.0043,
42.4276

■ 85.0360, 95.9944,
56.1668

■ 8.2335, 3.3582,
42.3342

■ 8.1711, 3.2840,
42.3232

Harmonies

Analogous

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



27.7392, 29.6682, 47.7203



30.1939, 29.6682, 46.2546



32.2149, 29.6682, 40.8373

Triad

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



30.1939, 29.6682, 46.2546



31.0392, 29.6682, 22.5085



23.7550, 29.6682, 30.9984

Complementary

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



30.1939, 29.6682, 46.2546



38.9367, 43.1160, 33.0594

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.



24.5310, 29.6682, 25.0502



30.1939, 29.6682, 46.2546



28.6633, 29.6682, 20.6262

Square

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



30.1939, 29.6682, 46.2546



32.7225, 29.6682, 27.0349



26.2935, 29.6682, 21.4844



24.1124, 29.6682, 38.2159

Rectangle

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



30.1939, 29.6682, 46.2546



32.9960, 29.6682, 36.0826



26.2935, 29.6682, 21.4844



23.8905, 29.6682, 28.7982

Sweetspot

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



30.1948, 29.6694, 46.2553



68.8814, 71.0932, 86.4731



35.3079, 40.4229, 48.0614



15.0857, 15.5362, 19.1259



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.1948, 29.6694, 46.2553



50.8852, 49.0779, 83.1722



33.2973, 31.2688, 46.4005



8.0880, 8.2539, 10.6732



5.8658, 2.3597, 30.2833



0.2002, 0.0823, 0.9536

Inverse Universe

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



36.3229, 32.8516, 45.5021



63.9556, 55.8663, 81.5106



35.4993, 41.3439, 32.8986



8.8274, 8.6377, 10.5893



18.1506, 8.7778, 27.0166



0.5777, 0.2788, 0.8851

Previews

White Background



This preview shows how the XYZ color 30.1939, 29.6682, 46.2546 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 30.1939, 29.6682, 46.2546 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 30.1939, 29.6682, 46.2546

Background



This preview shows how black text looks on a background with the XYZ color 30.1939, 29.6682, 46.2546.



This preview shows how white text looks on a background with the XYZ color 30.1939, 29.6682,

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

30.1939, 29.6682, 46.2546

Protanopia

29.5549, 29.7848, 46.8392

Deuteranopia

30.3740, 29.7611, 46.2631



Tritanopia

28.4367, 29.6472, 37.4814

Trichromacy



Original Color

30.1939, 29.6682, 46.2546

Protanomaly

29.7433, 29.6521, 46.8036

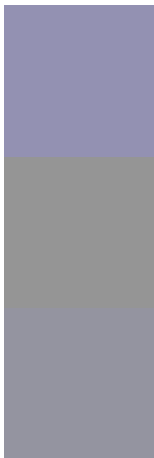
Deuteranomaly

30.3740, 29.7611, 46.2631

Tritanomaly

29.0858, 29.6772, 40.7545

Monochromacy



Original Color

30.1939, 29.6682, 46.2546

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1478, 30.0138, 37.5147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1939, 29.6682, 46.2546 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(147, 145, 178)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 178)  
}
```

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(147, 145, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.1939, 29.6682, 46.2546 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(147, 145, 178) }
```


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

```
.border{ border-color:rgb(147, 145, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 145, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 178);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1939, 29.6682, 46.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 178) }
```

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

```
.background{ background-color: rgb(147,  
145, 178) }
```

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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