

Converting Colors

XYZ(30.9285, 29.5469, 46.4564)

Have a look what the booklet for
XYZ(30.9285, 29.5469, 46.4564)
contains.

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Color

**XYZ(31.0960, 29.6719,
46.7361)**

Conversions

Conversions Part 1

Format	Color
Hex	998FB3
RGB	153, 143, 179
RGB Percent	60%, 56%, 70%
CMY	0.4000, 0.4392, 0.2980
CMYK	0.15, 0.20, 0.00, 0.30
HSL	257°, 19%, 63%
HSV	257°, 20%, 70%
XYZ	31.0960, 29.6719, 46.7361
YIQ	150.0940, -5.5960, 13.3160

Conversions

Conversions Part 2

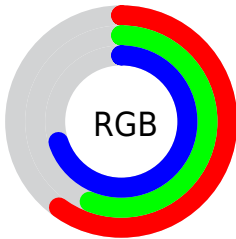
Format	Color
R_{YB}	153, 143, 179
Decimal	10063795
CIE _{Lab}	61.37, 11.04, -17.47
CIE _{LCh}	61, 20.665, 302.283
Yxy	29.6719, 0.2893, 0.2760
Android (android.graphics.Color)	4288253875 (0xFF998FB3)
YUV	150.0940, 14.2507, 2.5486
Hunter-Lab	54.4719, 6.5732, -12.7396

Details

The XYZ color **31.0960, 29.6719, 46.7361** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.4412, 42.6591, 32.2486**, and the grayscale version is **28.9732, 30.4821, 33.1950**.

A 20% lighter version of the original color is **60.9741, 59.3406, 86.8375**, and **13.1597, 12.1598, 21.3922** is the 20% darker color. If you saturate the color by 10%, you get **26.3110, 23.5299, 45.8033**, and if you desaturate by 10%, it is **36.5760, 36.8102, 47.8256**.

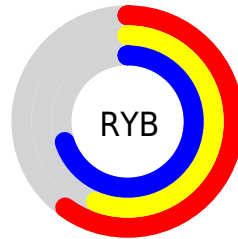
Distribution



Red (60%)

Green (56%)

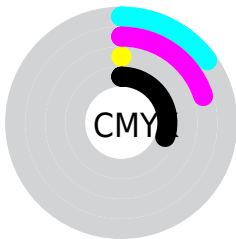
Blue (70%)



Red (60%)

Yellow (56%)

Blue (70%)

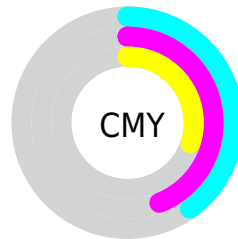


Cyan (15%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (40%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0960, 29.6719, 46.7361 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 31.0960, 29.6719, 46.7361 by changing the saturation by 10% instead.

■ 31.0960, 29.6719,
46.7361

■ 31.0960, 29.6719,
46.7361

298.7993,
300.3721, 390.1234

■ 20.8241, 19.5897,
32.4742

■ 60.7660, 59.1429,
86.6654

■ 13.1072, 12.0971,
21.4562

■ 80.8948, 79.3005,
113.1700

■ 7.5799, 6.8099,
13.2634

■ 105.0401,
103.5854, 144.5925

■ 3.8769, 3.3435,
7.4773

133.5670,
132.3818, 181.3515

■ 1.6327, 1.3136,
3.6794

166.8411,
166.0744, 223.8655

■ 0.4136, 0.1517,
1.4512

205.2276,

■ 0.0000, 0.0000,

205.0473, 272.5532

0.1812

249.0919,
249.6851, 327.8329

■ 0.0000, 0.0000,
0.0000

■ 31.0960, 29.6719,
46.7361

■ 31.0960, 29.6719,
46.7361

■ 26.3110, 23.5299,
45.8033

■ 36.5760, 36.8102,
47.8256

■ 22.1897, 18.3357,
45.0179

■ 42.7752, 44.9831,
49.0764

■ 18.7021, 14.0420,
44.3729

■ 49.7201, 54.2314,
50.4954

■ 15.8149, 10.5960,
43.8600

■ 57.4348, 64.5927,
52.0888

■ 13.4916, 7.9393,
43.4696

■ 65.9424, 76.1025,
53.8620

■ 11.6912, 6.0059,
43.1913

■ 75.2650, 88.7950,
55.8205

■ 10.3666, 4.7182,
43.0126

■ 81.0318, 93.9185,
56.5055

■ 9.4383, 3.9256,
42.9085

■ 85.1368, 96.0347,
56.6976

Harmonies

Analogous

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



28.4116, 29.6719, 49.7521



31.0960, 29.6719, 46.7361



33.1025, 29.6719, 39.8062

Triad

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



31.0960, 29.6719, 46.7361



30.7116, 29.6719, 20.7555



23.2815, 29.6719, 32.9094

Complementary

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



31.0960, 29.6719, 46.7361



37.4412, 42.6591, 32.2486

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.



23.8112, 29.6719, 25.8154



31.0960, 29.6719, 46.7361



27.9939, 29.6719, 19.5076

Square

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



31.0960, 29.6719, 46.7361



32.8707, 29.6719, 24.9337



25.4938, 29.6719, 21.2040



23.9982, 29.6719, 41.0086

Rectangle

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



31.0960, 29.6719, 46.7361



33.7229, 29.6719, 34.3661



25.4938, 29.6719, 21.2040



23.3196, 29.6719, 30.3331

Sweetspot

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



31.0969, 29.6731, 46.7368



69.7993, 71.5664, 86.5161



33.7278, 37.6202, 48.1320



15.3088, 15.6512, 19.1364



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.



31.0969, 29.6731, 46.7368



51.8625, 48.2041, 82.9520



34.6676, 31.5139, 46.9039



8.2562, 8.3406, 10.6811



6.7250, 2.8027, 30.3235



0.2696, 0.1181, 0.9568

Inverse Universe

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



35.5753, 32.0944, 41.8572



61.3606, 53.3434, 72.4230



33.9158, 40.8417, 32.0837



8.7473, 8.6057, 10.1679



15.9789, 7.9091, 15.5807



0.5260, 0.2581, 0.6124

Previews

White Background



This preview shows how the XYZ color 31.0960, 29.6719, 46.7361 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 31.0960, 29.6719, 46.7361 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 31.0960, 29.6719, 46.7361

Background



This preview shows how black text looks on a background with the XYZ color 31.0960, 29.6719, 46.7361.



This preview shows how white text looks on a background with the XYZ color 31.0960, 29.6719,

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

31.0960, 29.6719, 46.7361

Protanopia

29.6924, 29.8203, 48.4469

Deuteranopia

30.2947, 29.7085, 46.7854



Tritanopia

28.9997, 29.7256, 36.5569

Trichromacy



Original Color

31.0960, 29.6719, 46.7361

Protanomaly

30.2964, 29.9137, 47.8932

Deuteranomaly

30.5044, 29.5908, 46.7517

Tritanomaly

29.7395, 29.7950, 40.2600

Monochromacy



Original Color

31.0960, 29.6719, 46.7361

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.6292, 30.0200, 37.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0960, 29.6719, 46.7361 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(153, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 179)  
}
```

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(153, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 179) }
```

Border

The CSS property to change the border of an element to XYZ 31.0960, 29.6719, 46.7361 is called "border". The border property can be set on classes, ids or directly on the HTML element.

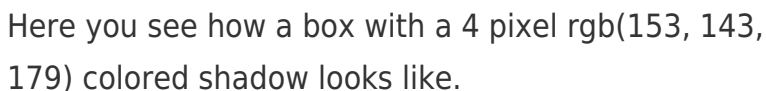
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 143, 179) }
```


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

```
.border{ border-color:rgb(153, 143, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 143, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 143, 179); box-shadow:4px 4px 4px 4px rgb(153, 143, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0960, 29.6719, 46.7361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 179) }
```

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

```
.background{ background-color: rgb(153,  
143, 179) }
```

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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