

Converting Colors

XYZ(28.5279, 32.0418, 46.2727)

Have a look what the booklet for
XYZ(28.5279, 32.0418, 46.2727)
contains.

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Color

**XYZ(28.4749, 31.9131,
46.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9EB1
RGB	124, 158, 177
RGB Percent	49%, 62%, 69%
CMY	0.5137, 0.3804, 0.3059
CMYK	0.30, 0.11, 0.00, 0.31
HSL	202°, 25%, 59%
HSV	202°, 30%, 69%
XYZ	28.4749, 31.9131, 46.2540
YIQ	150.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

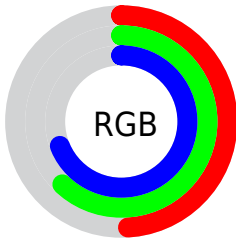
Format	Color
RYB	124, 145, 177
Decimal	8167089
CIELab	63.27, -7.12, -13.67
CIELCh	63, 15.416, 242.484
Yxy	31.9131, 0.2670, 0.2993
Android (android.graphics.Color)	4286357169 (0xFF7C9EB1)
YUV	150.0000, 13.3110, -22.8020
Hunter-Lab	56.4917, -8.8867, -9.0010

Details

The XYZ color **28.4749, 31.9131, 46.2540** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.5926, 30.4478, 23.2817**, and the grayscale version is **28.9436, 30.4509, 33.1610**.

A 20% lighter version of the original color is **56.8623, 62.9367, 86.2418**, and **11.6434, 13.3871, 21.0391** is the 20% darker color. If you saturate the color by 10%, you get **25.0886, 28.6027, 45.7940**, and if you desaturate by 10%, it is **32.3782, 35.5745, 46.7555**.

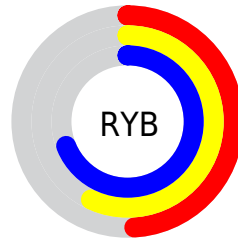
Distribution



Red (49%)

Green (62%)

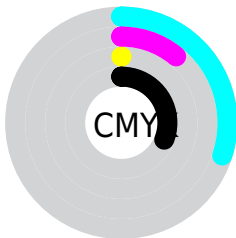
Blue (69%)



Red (49%)

Yellow (57%)

Blue (69%)

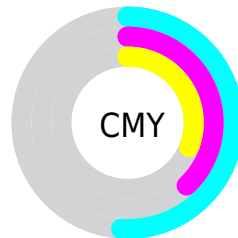


Cyan (30%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4749, 31.9131, 46.2540 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 28.4749, 31.9131, 46.2540 by changing the saturation by 10% instead.

■ 28.4749, 31.9131,
46.2540

■ 28.4749, 31.9131,
46.2540

286.7684,
310.7232, 388.1361

■ 18.8262, 21.2951,
32.0962

■ 56.6451, 62.6748,
85.9373

■ 11.6480, 13.3399,
21.1696

■ 75.8974, 83.5874,
112.2998

■ 6.5750, 7.6630,
13.0555

■ 99.0815, 108.7003,
143.5677

■ 3.2417, 3.8801,
7.3356

126.5629,
138.3978, 180.1595

■ 1.2828, 1.6067,
3.5913

158.7070,
173.0645, 222.4937

■ 0.1703, 0.3621,
1.4039

195.8790,

■ 0.0000, 0.0000,

213.0847, 270.9888

0.1448

238.4443,
258.8428, 326.0634

■ 0.0000, 0.0000,
0.0000

■ 28.4749, 31.9131,
46.2540

■ 28.4749, 31.9131,
46.2540

■ 25.0886, 28.6027,
45.7940

■ 32.3782, 35.5745,
46.7555

■ 22.1910, 25.6252,
45.3721

■ 36.8190, 39.5965,
47.2978

■ 19.7553, 22.9663,
44.9872

■ 41.8205, 43.9928,
47.8828

■ 17.7508, 20.6088,
44.6378

■ 47.4033, 48.7753,
48.5116

■ 16.1427, 18.5335,
44.3220

■ 53.5872, 53.9554,
49.1856

■ 14.8901, 16.7179,
44.0376

■ 60.3907, 59.5436,
49.9056

■ 13.9082, 15.1170,
43.7803

■ 67.8318, 65.5505,
50.6729

■ 13.9028, 15.1081,
43.7789

■ 71.9181, 69.9188,
51.3007

■ 73.5037, 73.0899,
51.8292

Harmonies

Analogous

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



26.9993, 31.9131, 41.4530



28.4749, 31.9131, 46.2540



30.5107, 31.9131, 47.8686

Triad

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



28.4749, 31.9131, 46.2540



34.6219, 31.9131, 34.2409



28.1805, 31.9131, 25.7432

Complementary

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



28.4749, 31.9131, 46.2540



31.5926, 30.4478, 23.2817

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.



30.1549, 31.9131, 24.2748



28.4749, 31.9131, 46.2540



33.9292, 31.9131, 28.8079

Square

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



28.4749, 31.9131, 46.2540



34.1213, 31.9131, 40.4683



32.2691, 31.9131, 25.3282



26.8350, 31.9131, 29.5938

Rectangle

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



28.4749, 31.9131, 46.2540



31.9298, 31.9131, 46.7840



32.2691, 31.9131, 25.3282



28.7893, 31.9131, 24.9765

Sweetspot

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



28.4759, 31.9144, 46.2547



66.6102, 71.5113, 84.7876



28.9590, 37.6996, 31.5596



14.1744, 15.2648, 18.3437



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.4759, 31.9144, 46.2547



46.8512, 53.1316, 82.2814



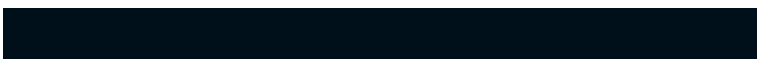
24.4934, 23.9494, 44.9272



8.4813, 9.1088, 10.8175



10.1319, 11.0642, 31.7386



0.3716, 0.4537, 1.0162

Inverse Universe

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



31.5115, 26.2320, 35.7515



53.2996, 41.7352, 59.8186



35.9675, 39.1976, 24.7400



8.7181, 8.5940, 10.0141



15.3488, 7.6571, 12.2625



0.5096, 0.2516, 0.5261

Previews

White Background



This preview shows how the XYZ color 28.4749, 31.9131, 46.2540 looks on a white background.

Color Contrast Check

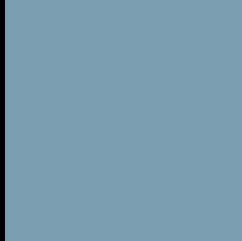
Large Text (above 18pt) WCAG AA × Fail

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 28.4749, 31.9131, 46.2540 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 28.4749, 31.9131, 46.2540

Background



This preview shows how black text looks on a background with the XYZ color 28.4749, 31.9131, 46.2540.



This preview shows how white text looks on a background with the XYZ color 28.4749, 31.9131,

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

28.4749, 31.9131, 46.2540

Protanopia

31.1655, 31.8632, 44.0428

Deuteranopia

32.4017, 31.7181, 47.0623



Tritanopia

28.0129, 31.9858, 43.7272

Trichromacy



Original Color

28.4749, 31.9131, 46.2540

Protanomaly

30.0108, 31.7426, 44.5896

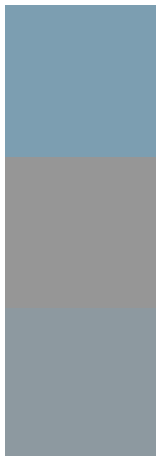
Deuteranomaly

30.7657, 31.6001, 46.5974

Tritanomaly

28.2065, 32.0632, 44.7466

Monochromacy



Original Color

28.4749, 31.9131, 46.2540

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7209, 30.9833, 37.7243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4749, 31.9131, 46.2540 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(124, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(124, 158, 177)  
}
```

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(124, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 28.4749, 31.9131, 46.2540 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(124, 158, 177) }
```


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

```
.border{ border-color:rgb(124, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(124, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4749, 31.9131, 46.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 158, 177) }
```

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

```
.background{ background-color: rgb(124,  
158, 177) }
```

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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