

Converting Colors

XYZ(27.0182, 28.9600, 48.8735)

Have a look what the booklet for
XYZ(27.0182, 28.9600, 48.8735)
contains.

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Color

**XYZ(27.0404, 28.9069,
48.9541)**

Conversions

Conversions Part 1

Format	Color
Hex	7895B7
RGB	120, 149, 183
RGB Percent	47%, 58%, 72%
CMY	0.5294, 0.4157, 0.2823
CMYK	0.34, 0.19, 0.00, 0.28
HSL	212°, 30%, 59%
HSV	212°, 34%, 72%
XYZ	27.0404, 28.9069, 48.9541
YIQ	144.2050, -28.1980, 4.4260

Conversions

Conversions Part 2

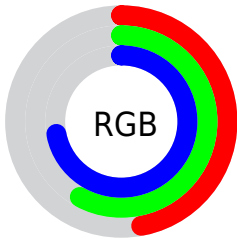
Format	Color
RYB	120, 140, 183
Decimal	7902647
CIELab	60.70, -1.75, -20.98
CIElCh	61, 21.050, 265.223
Yxy	28.9069, 0.2578, 0.2756
Android (android.graphics.Color)	4286092727 (0xFF7895B7)
YUV	144.2050, 19.1259, -21.2278
Hunter-Lab	53.7651, -4.3150, -16.3490

Details

The XYZ color **27.0404, 28.9069, 48.9541** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.4746, 34.5348, 22.6190**, and the grayscale version is **26.5261, 27.9075, 30.3912**.

A 20% lighter version of the original color is **54.3915, 57.9425, 89.9786**, and **10.8512, 11.6123, 22.7886** is the 20% darker color. If you saturate the color by 10%, you get **23.2442, 24.7284, 48.3482**, and if you desaturate by 10%, it is **31.4560, 33.6027, 49.6283**.

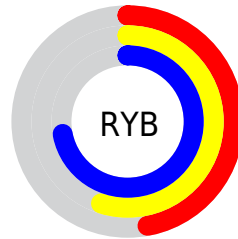
Distribution



Red (47%)

Green (58%)

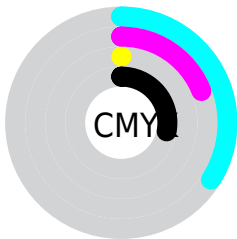
Blue (72%)



Red (47%)

Yellow (55%)

Blue (72%)

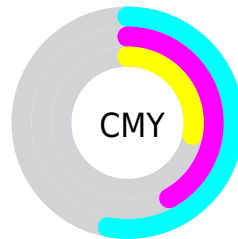


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0404, 28.9069, 48.9541 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 27.0404, 28.9069, 48.9541 by changing the saturation by 10% instead.

■ 27.0404, 28.9069,
48.9541

■ 27.0404, 28.9069,
48.9541

280.0167,
296.7754, 399.1789

■ 17.7403, 19.0104,
34.2177

■ 54.3681, 57.9291,
90.0036

■ 10.8623, 11.6778,
22.7822

■ 73.1265, 77.8237,
117.1537

■ 6.0409, 6.5247,
14.2290

■ 95.7683, 101.8197,
149.2789

■ 2.9109, 3.1667,
8.1395

122.6589,
130.3015, 186.7976

■ 1.1068, 1.2194,
4.0953

154.1637,
163.6536, 230.1285

■ 0.0308, 0.0774,
1.6778

190.6480,

■ 0.0000, 0.0000,

202.2604, 279.6899

0.3454

232.4772,
246.5062, 335.9005

■ 0.0000, 0.0000,
0.0000

■ 27.0404, 28.9069,
48.9541

■ 27.0404, 28.9069,
48.9541

■ 23.2442, 24.7284,
48.3482

■ 31.4560, 33.6027,
49.6283

■ 20.0336, 21.0431,
47.8060

■ 36.5169, 38.8319,
50.3709

■ 17.3757, 17.8294,
47.3258

■ 42.2509, 44.6140,
51.1847

■ 15.2326, 15.0628,
46.9048

■ 48.6830, 50.9663,
52.0718

■ 13.5612, 12.7153,
46.5397

■ 55.8372, 57.9054,
53.0341

■ 12.3100, 10.7546,
46.2272

■ 63.7361, 65.4471,
54.0735

■ 11.7365, 9.7972,
46.0727

■ 72.4015, 73.6066,
55.1917

■ 77.5335, 80.1712,
56.1883

■ 80.3286, 85.7615,
57.1201

Harmonies

Analogous

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



24.5891, 28.9069, 45.5046



27.0404, 28.9069, 48.9541



29.7728, 28.9069, 47.1238

Triad

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



27.0404, 28.9069, 48.9541



32.5016, 28.9069, 25.4944



23.3860, 28.9069, 23.6565

Complementary

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



27.0404, 28.9069, 48.9541



34.4746, 34.5348, 22.6190

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.



25.2988, 28.9069, 19.7416



27.0404, 28.9069, 48.9541



30.5786, 28.9069, 20.6730

Square

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



27.0404, 28.9069, 48.9541



33.0438, 28.9069, 32.7431



27.9145, 28.9069, 18.7470



22.5701, 28.9069, 30.2395

Rectangle

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



27.0404, 28.9069, 48.9541



31.3714, 28.9069, 43.2924



27.9145, 28.9069, 18.7470



23.9156, 28.9069, 22.0308

Sweetspot

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



27.0413, 28.9080, 48.9548



69.6253, 73.8351, 90.8177



30.4793, 40.1804, 36.5473



15.0658, 15.9920, 20.0143



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.



27.0413, 28.9080, 48.9548



43.3911, 46.2548, 86.8768



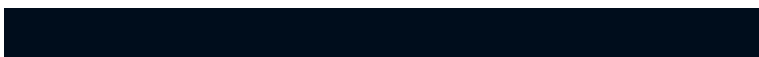
23.3047, 20.9975, 47.6248



8.8526, 9.3824, 11.4238



8.2546, 6.9690, 32.1632



0.3530, 0.3697, 1.1545

Inverse Universe

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



31.6705, 25.6709, 31.7208



53.0643, 40.2519, 50.6934



39.3568, 45.0352, 24.3884



9.1719, 9.0791, 10.2529



14.7802, 7.4859, 6.7295



0.5523, 0.2764, 0.4021

Previews

White Background



This preview shows how the XYZ color 27.0404, 28.9069, 48.9541 looks on a white background.

Color Contrast Check

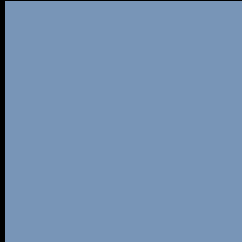
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0404, 28.9069, 48.9541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

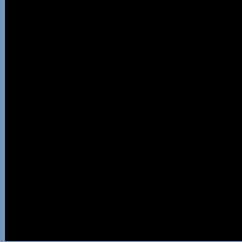
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

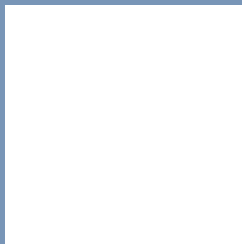
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0404, 28.9069, 48.9541

Background



This preview shows how black text looks on a background with the XYZ color 27.0404, 28.9069, 48.9541.



This preview shows how white text looks on a background with the XYZ color 27.0404, 28.9069,

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

27.0404, 28.9069, 48.9541

Protanopia

28.8449, 28.9494, 47.2475

Deuteranopia

29.2894, 28.6811, 49.3397



Tritanopia

25.1315, 28.8498, 39.3660

Trichromacy



Original Color

27.0404, 28.9069, 48.9541

Protanomaly

27.9794, 28.7193, 47.7848

Deuteranomaly

28.4500, 28.6980, 49.3872

Tritanomaly

25.7534, 28.8554, 42.7404

Monochromacy



Original Color

27.0404, 28.9069, 48.9541

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.4421, 28.1773, 36.3929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0404, 28.9069, 48.9541 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(120, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 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(120, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 183) }
```

Border

The CSS property to change the border of an element to XYZ 27.0404, 28.9069, 48.9541 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(120, 149, 183) }
```


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

```
.border{ border-color:rgb(120, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 149, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 149, 183);  
box-shadow:4px 4px 4px 4px rgb(120, 149,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0404, 28.9069, 48.9541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 183) }
```

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

```
.background{ background-color: rgb(120,  
149, 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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