

Converting Colors

XYZ(27.9417, 27.9770, 46.9617)

Have a look what the booklet for
XYZ(27.9417, 27.9770, 46.9617)
contains.

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Color

**XYZ(28.0524, 28.0911,
47.1236)**

Conversions

Conversions Part 1

Format	Color
Hex	878FB4
RGB	135, 143, 180
RGB Percent	53%, 56%, 71%
CMY	0.4706, 0.4392, 0.2941
CMYK	0.25, 0.21, 0.00, 0.29
HSL	229°, 23%, 62%
HSV	229°, 25%, 71%
XYZ	28.0524, 28.0911, 47.1236
YIQ	144.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

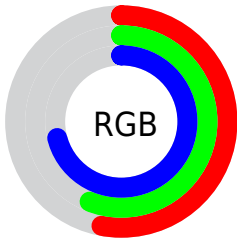
Format	Color
RYB	135, 142, 180
Decimal	8884148
CIELab	59.97, 5.44, -20.30
CIELCh	60, 21.014, 285.000
Yxy	28.0911, 0.2716, 0.2720
Android (android.graphics.Color)	4287074228 (0xFF878FB4)
YUV	144.8260, 17.3408, -8.6174
Hunter-Lab	53.0010, 1.7247, -15.6144

Details

The XYZ color **28.0524, 28.0911, 47.1236** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9486, 40.9580, 28.8282**, and the grayscale version is **26.7805, 28.1752, 30.6828**.

A 20% lighter version of the original color is **56.0928, 56.8075, 87.3654**, and **11.4013, 11.2458, 21.6484** is the 20% darker color. If you saturate the color by 10%, you get **23.3205, 22.5688, 46.3076**, and if you desaturate by 10%, it is **33.5689, 34.4544, 48.0616**.

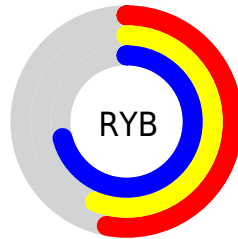
Distribution



Red (53%)

Green (56%)

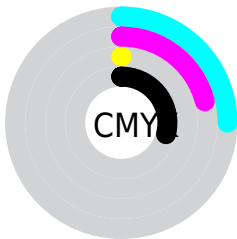
Blue (71%)



Red (53%)

Yellow (56%)

Blue (71%)

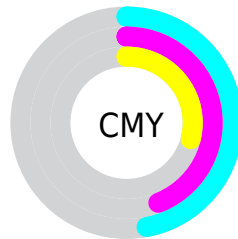


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0524, 28.0911, 47.1236 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 28.0524, 28.0911, 47.1236 by changing the saturation by 10% instead.

■ 28.0524, 28.0911,
47.1236

■ 28.0524, 28.0911,
47.1236

284.7928,
292.9020, 391.7157

■ 18.5058, 18.3943,
32.7783

■ 55.9761, 56.6299,
87.2500

■ 11.4156, 11.2335,
21.6870

■ 75.0840, 76.2406,
113.8682

■ 6.4165, 6.2241,
13.4310

■ 98.1097, 99.9249,
145.4145

■ 3.1430, 2.9818,
7.5918

125.4186,
128.0670, 182.3074

■ 1.2298, 1.1223,
3.7509

157.3759,
161.0514, 224.9654

■ 0.1297, 0.0000,
1.4897

194.3472,

■ 0.0000, 0.0000,

199.2624, 273.8071

0.2102

236.6977,
243.0845, 329.2510

■ 0.0000, 0.0000,
0.0000

■ 28.0524, 28.0911,
47.1236

■ 28.0524, 28.0911,
47.1236

■ 23.3205, 22.5688,
46.3076

■ 33.5689, 34.4544,
48.0616

■ 19.3344, 17.8485,
45.6065

■ 39.9010, 41.6885,
49.1241

■ 16.0562, 13.8935,
45.0159

■ 47.0811, 49.8261,
50.3164

■ 13.4434, 10.6623,
44.5300

■ 55.1393, 58.8972,
51.6426

■ 11.4489, 8.1100,
44.1424

■ 64.1040, 68.9302,
53.1067

■ 10.0190, 6.1857,
43.8464

■ 74.0024, 79.9523,
54.7125

■ 9.0898, 4.8311,
43.6339

■ 82.6174, 90.8335,
56.3587

■ 8.7549, 4.3285,
43.5545

■ 85.2383, 96.0753,
57.2323

Harmonies

Analogous

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



25.3913, 28.0911, 47.1237



28.0524, 28.0911, 47.1236



30.5019, 28.0911, 42.2215

Triad

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



28.0524, 28.0911, 47.1236



30.5019, 28.0911, 21.3131



22.0360, 28.0911, 26.9324

Complementary

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



28.0524, 28.0911, 47.1236



37.9486, 40.9580, 28.8282

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.



23.2274, 28.0911, 21.3131



28.0524, 28.0911, 47.1236



28.0523, 28.0911, 18.4564

Square

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



28.0524, 28.0911, 47.1236



31.9790, 28.0911, 26.9322



25.3913, 28.0911, 18.4565



22.0360, 28.0911, 34.5571

Rectangle

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



28.0524, 28.0911, 47.1236



31.6346, 28.0911, 37.2392



25.3913, 28.0911, 18.4565



22.3068, 28.0911, 24.7773

Sweetspot

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



28.0533, 28.0922, 47.1242



69.7866, 72.6724, 88.6436



33.7360, 40.7630, 44.9945



14.9339, 15.5367, 19.1340



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.



28.0533, 28.0922, 47.1242



45.9624, 45.2299, 84.6024



29.3431, 27.0373, 46.8526



8.1601, 8.4664, 10.7104



6.1463, 3.0931, 30.4101



0.2301, 0.1708, 0.9691

Inverse Universe

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



32.4451, 29.0153, 29.8782



55.3531, 47.3876, 47.6848



36.3686, 42.4724, 29.2038



8.5560, 8.5291, 9.1604



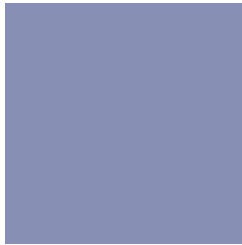
13.3370, 6.8524, 1.6689



0.4382, 0.2230, 0.1501

Previews

White Background



This preview shows how the XYZ color 28.0524, 28.0911, 47.1236 looks on a white background.

Color Contrast Check

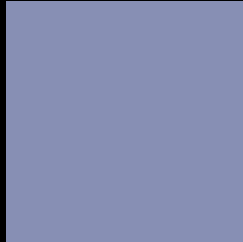
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0524, 28.0911, 47.1236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

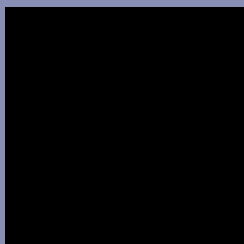
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0524, 28.0911, 47.1236

Background



This preview shows how black text looks on a background with the XYZ color 28.0524, 28.0911, 47.1236.



This preview shows how white text looks on a background with the XYZ color 28.0524, 28.0911,

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

28.0524, 28.0911, 47.1236

Protanopia

28.0524, 28.0911, 47.1236

Deuteranopia

28.5783, 27.9205, 47.0630



Tritanopia

26.0518, 28.1959, 36.8702

Trichromacy



Original Color

28.0524, 28.0911, 47.1236

Protanomaly

28.0524, 28.0911, 47.1236

Deuteranomaly

28.3925, 28.0446, 47.0967

Tritanomaly

26.7697, 28.2533, 40.6017

Monochromacy



Original Color

28.0524, 28.0911, 47.1236

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1293, 28.0779, 36.3375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0524, 28.0911, 47.1236 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(135, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 180)  
}
```

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(135, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.0524, 28.0911, 47.1236 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(135, 143, 180) }
```


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

```
.border{ border-color:rgb(135, 143, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 180);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0524, 28.0911, 47.1236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 180) }
```

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

```
.background{ background-color: rgb(135,  
143, 180) }
```

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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