

Converting Colors

XYZ(28.5169, 28.6107, 47.1227)

Have a look what the booklet for
XYZ(28.5169, 28.6107, 47.1227)
contains.

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Color

**XYZ(28.5280, 28.5602,
47.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	8990B4
RGB	137, 144, 180
RGB Percent	54%, 56%, 71%
CMY	0.4627, 0.4353, 0.2941
CMYK	0.24, 0.20, 0.00, 0.29
HSL	230°, 22%, 62%
HSV	230°, 24%, 71%
XYZ	28.5280, 28.5602, 47.1891
YIQ	146.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

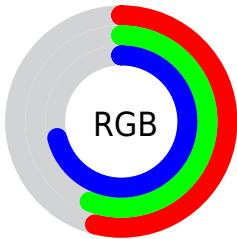
Format	Color
RYB	137, 143, 180
Decimal	9015476
CIELab	60.39, 5.50, -19.64
CIElCh	60, 20.398, 285.634
Yxy	28.5602, 0.2736, 0.2739
Android (android.graphics.Color)	4287205556 (0xFF8990B4)
YUV	146.0110, 16.7566, -7.9026
Hunter-Lab	53.4417, 1.7629, -14.9439

Details

The XYZ color **28.5280, 28.5602, 47.1891** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2816, 41.3966, 29.6403**, and the grayscale version is **27.2650, 28.6849, 31.2378**.

A 20% lighter version of the original color is **56.8203, 57.5207, 87.4647**, and **11.6712, 11.5161, 21.6864** is the 20% darker color. If you saturate the color by 10%, you get **23.6879, 22.9005, 46.3523**, and if you desaturate by 10%, it is **34.1669, 35.0853, 48.1518**.

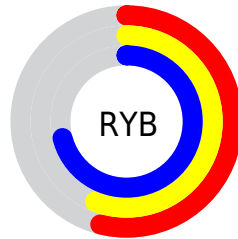
Distribution



Red (54%)

Green (56%)

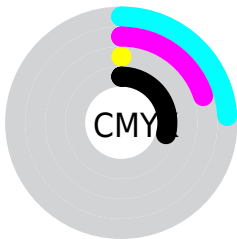
Blue (71%)



Red (54%)

Yellow (56%)

Blue (71%)

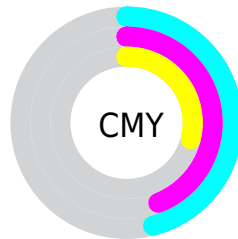


Cyan (24%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5280, 28.5602, 47.1891 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 28.5280, 28.5602, 47.1891 by changing the saturation by 10% instead.

■ 28.5280, 28.5602,
47.1891

■ 28.5280, 28.5602,
47.1891

287.0159,
295.1342, 391.9844

■ 18.8665, 18.7484,
32.8298

■ 56.7291, 57.3776,
87.3488

■ 11.6773, 11.4886,
21.7260

■ 75.9994, 77.1519,
113.9861

■ 6.5950, 6.3965,
13.4593

■ 99.2034, 101.0159,
145.5533

■ 3.2542, 3.0876,
7.6112

126.7065,
129.3540, 182.4688

■ 1.2896, 1.1777,
3.7630

158.8739,
162.5504, 225.1511

■ 0.1754, 0.0433,
1.4962

196.0710,

■ 0.0000, 0.0000,

200.9896, 274.0187

0.2151

238.6632,
245.0561, 329.4904

■ 0.0000, 0.0000,
0.0000

■ 28.5280, 28.5602,
47.1891

■ 28.5280, 28.5602,
47.1891

■ 23.6879, 22.9005,
46.3523

■ 34.1669, 35.0853,
48.1518

■ 19.6074, 18.0663,
45.6342

■ 40.6358, 42.5067,
49.2434

■ 16.2482, 14.0194,
45.0301

■ 47.9677, 50.8580,
50.4689

■ 13.5675, 10.7174,
44.5341

■ 56.1930, 60.1700,
51.8328

■ 11.5178, 8.1139,
44.1396

■ 65.3404, 70.4722,
53.3392

■ 10.0451, 6.1567,
43.8394

■ 75.4375, 81.7926,
54.9921

■ 9.0861, 4.7861,
43.6254

■ 83.5050, 92.6087,
56.6546

■ 8.6853, 4.1892,
43.5313

■ 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.



25.9130, 28.5602, 47.2985



28.5280, 28.5602, 47.1891



30.9142, 28.5602, 42.3335

Triad

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



28.5280, 28.5602, 47.1891



30.8282, 28.5602, 21.8697



22.5459, 28.5602, 27.6484

Complementary

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



28.5280, 28.5602, 47.1891



38.2816, 41.3966, 29.6403

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.



23.6964, 28.5602, 22.0490



28.5280, 28.5602, 47.1891



28.4167, 28.5602, 19.0956

Square

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



28.5280, 28.5602, 47.1891



32.2994, 28.5602, 27.3638



25.8086, 28.5602, 19.1555



22.5714, 28.5602, 35.1557

Rectangle

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



28.5280, 28.5602, 47.1891



32.0054, 28.5602, 37.4469



25.8086, 28.5602, 19.1555



22.8045, 28.5602, 25.5092

Sweetspot

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



28.5289, 28.5613, 47.1898



69.7217, 72.5427, 88.6220



34.1651, 40.9721, 45.5589



14.9188, 15.5065, 19.1290



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.



28.5289, 28.5613, 47.1898



46.6320, 45.8425, 84.6853



30.0090, 27.7986, 46.9645



8.1501, 8.4463, 10.7071



6.0955, 2.9914, 30.3931



0.2260, 0.1625, 0.9677

Inverse Universe

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



32.8028, 29.6090, 30.3731



55.8685, 48.2729, 48.3051



36.4933, 42.5202, 29.9515



8.5509, 8.5271, 9.1337



13.3114, 6.8421, 1.5338



0.4361, 0.2222, 0.1391

Previews

White Background



This preview shows how the XYZ color 28.5280, 28.5602, 47.1891 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 28.5280, 28.5602, 47.1891 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 28.5280, 28.5602, 47.1891

Background



This preview shows how black text looks on a background with the XYZ color 28.5280, 28.5602, 47.1891.



This preview shows how white text looks on a background with the XYZ color 28.5280, 28.5602,

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

28.5280, 28.5602, 47.1891

Protanopia

28.5280, 28.5602, 47.1891

Deuteranopia

29.0665, 28.3921, 47.1283



Tritanopia

26.5208, 28.6696, 36.9369

Trichromacy



Original Color

28.5280, 28.5602, 47.1891

Protanomaly

28.5280, 28.5602, 47.1891

Deuteranomaly

28.8759, 28.5157, 47.1622

Tritanomaly

27.2403, 28.7258, 40.6681

Monochromacy



Original Color

28.5280, 28.5602, 47.1891

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6246, 28.5591, 36.4042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5280, 28.5602, 47.1891 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(137, 144, 180)` looks like.

```
.text, #text, p{  
    color:rgb(137, 144, 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(137, 144, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 144, 180) }
```

Border

The CSS property to change the border of an element to XYZ 28.5280, 28.5602, 47.1891 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(137, 144, 180) }
```


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

```
.border{ border-color:rgb(137, 144, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 144, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 144, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 144, 180);  
box-shadow:4px 4px 4px 4px rgb(137, 144,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5280, 28.5602, 47.1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 144, 180) }
```

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

```
.background{ background-color: rgb(137,  
144, 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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