

Converting Colors

XYZ(27.8323, 29.3773, 47.9464)

Have a look what the booklet for
XYZ(27.8323, 29.3773, 47.9464)
contains.

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Color

**XYZ(27.8403, 29.3431,
47.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	7F95B5
RGB	127, 149, 181
RGB Percent	50%, 58%, 71%
CMY	0.5020, 0.4157, 0.2902
CMYK	0.30, 0.18, 0.00, 0.29
HSL	216°, 27%, 60%
HSV	216°, 30%, 71%
XYZ	27.8403, 29.3431, 47.9125
YIQ	146.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

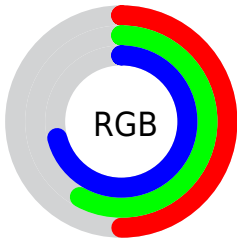
Format	Color
RYB	127, 143, 181
Decimal	8361397
CIELab	61.08, -0.20, -19.22
CIElCh	61, 19.221, 269.414
Yxy	29.3431, 0.2649, 0.2792
Android (android.graphics.Color)	4286551477 (0xFF7F95B5)
YUV	146.0700, 17.2205, -16.7244
Hunter-Lab	54.1693, -3.0561, -14.5233

Details

The XYZ color **27.8403, 29.3431, 47.9125** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.2854, 36.1526, 25.1979**, and the grayscale version is **27.2895, 28.7107, 31.2659**.

A 20% lighter version of the original color is **55.6981, 58.6501, 88.5058**, and **11.2445, 11.8304, 22.1129** is the 20% darker color. If you saturate the color by 10%, you get **23.7636, 24.8379, 47.2583**, and if you desaturate by 10%, it is **32.5595, 34.4129, 48.6428**.

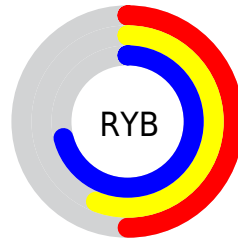
Distribution



Red (50%)

Green (58%)

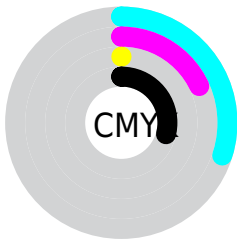
Blue (71%)



Red (50%)

Yellow (56%)

Blue (71%)

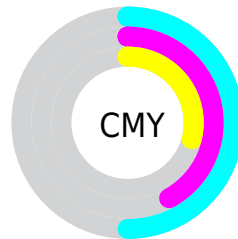


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8403, 29.3431, 47.9125 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 27.8403, 29.3431, 47.9125 by changing the saturation by 10% instead.

■ 27.8403, 29.3431,
47.9125

■ 27.8403, 29.3431,
47.9125

283.7970,
298.8304, 394.9439

■ 18.3451, 19.3405,
33.3981

■ 55.6398, 58.6218,
88.4383

■ 11.2993, 11.9166,
22.1580

■ 74.6749, 78.6666,
115.2868

■ 6.3373, 6.6869,
13.7736

■ 97.6206, 102.8277,
147.0837

■ 3.0938, 3.2671,
7.8264

124.8424,
131.4895, 184.2476

■ 1.2036, 1.2727,
3.8979

156.7055,
165.0362, 227.1971

■ 0.1092, 0.1199,
1.5695

193.5755,

■ 0.0000, 0.0000,

203.8523, 276.3506

0.2689

235.8175,
248.3222, 332.1267

■ 0.0000, 0.0000,
0.0000

■ 27.8403, 29.3431,
47.9125

■ 27.8403, 29.3431,
47.9125

■ 23.7636, 24.8379,
47.2583

■ 32.5595, 34.4129,
48.6428

■ 20.2963, 20.8720,
46.6755

■ 37.9463, 40.0642,
49.4497

■ 17.4068, 17.4232,
46.1621

■ 44.0281, 46.3175,
50.3362

■ 15.0588, 14.4661,
45.7151

■ 50.8296, 53.1912,
51.3045

■ 13.2119, 11.9726,
45.3312

■ 58.3744, 60.7028,
52.3567

■ 11.8186, 9.9107,
45.0066

■ 66.6849, 68.8691,
53.4950

■ 10.7881, 8.2256,
44.7357

■ 75.7827, 77.7064,
54.7212

■ 10.7724, 8.1999,
44.7315

■ 79.2338, 83.9027,
55.7353

■ 82.3945, 90.2240,
56.7889

Harmonies

Analogous

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



25.4987, 29.3431, 45.4307



27.8403, 29.3431, 47.9125



30.3351, 29.3431, 45.6101

Triad

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



27.8403, 29.3431, 47.9125



32.3221, 29.3431, 25.6137



23.9269, 29.3431, 25.4025

Complementary

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



27.8403, 29.3431, 47.9125



35.2854, 36.1526, 25.1979

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.



25.5794, 29.3431, 21.3317



27.8403, 29.3431, 47.9125



30.4258, 29.3431, 21.4401

Square

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



27.8403, 29.3431, 47.9125



33.0152, 29.3431, 32.0915



27.9392, 29.3431, 19.9961



23.3243, 29.3431, 31.8082

Rectangle

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



27.8403, 29.3431, 47.9125



31.7295, 29.3431, 41.8434



27.9392, 29.3431, 19.9961



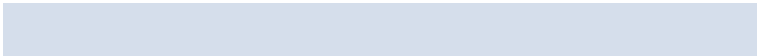
24.3730, 29.3431, 23.7530

Sweetspot

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



27.8412, 29.3443, 47.9132



68.6642, 72.4836, 88.6663



31.4916, 40.0463, 38.6444



14.5224, 15.3357, 19.1169



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.



27.8412, 29.3443, 47.9132



44.7976, 46.9843, 85.0024



25.3683, 23.3810, 46.8925



8.3168, 8.7798, 10.7627



7.4908, 5.7819, 30.8582



0.2937, 0.2979, 0.9903

Inverse Universe

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



32.0710, 27.1732, 31.9896



53.7683, 42.9368, 51.1062



38.3730, 43.8691, 26.5246



8.6351, 8.5608, 9.5768



14.0156, 7.1238, 5.2424



0.4703, 0.2359, 0.3191

Previews

White Background



This preview shows how the XYZ color 27.8403, 29.3431, 47.9125 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 27.8403, 29.3431, 47.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

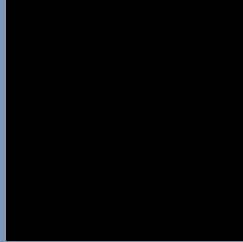
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

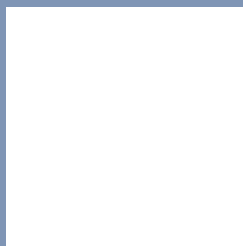
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8403, 29.3431, 47.9125

Background



This preview shows how black text looks on a background with the XYZ color 27.8403, 29.3431, 47.9125.

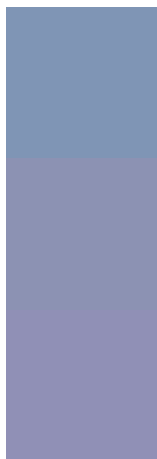


This preview shows how white text looks on a background with the XYZ color 27.8403, 29.3431,

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

27.8403, 29.3431, 47.9125

Protanopia

29.2308, 29.3879, 46.7796

Deuteranopia

29.9184, 29.2532, 48.3255



Tritanopia

26.0975, 29.3478, 39.4112

Trichromacy



Original Color

27.8403, 29.3431, 47.9125

Protanomaly

28.6636, 29.3136, 47.3274

Deuteranomaly

29.2036, 29.3384, 48.3797

Tritanomaly

26.6345, 29.3206, 42.2859

Monochromacy



Original Color

27.8403, 29.3431, 47.9125

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3392, 28.8596, 36.9304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8403, 29.3431, 47.9125 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(127, 149, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 149, 181)  
}
```

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(127, 149, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 149, 181) }
```

Border

The CSS property to change the border of an element to XYZ 27.8403, 29.3431, 47.9125 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(127, 149, 181) }
```


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

```
.border{ border-color:rgb(127, 149, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 149, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 149, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 149, 181); box-shadow:4px 4px 4px 4px rgb(127, 149, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8403, 29.3431, 47.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 149, 181) }
```

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

```
.background{ background-color: rgb(127,  
149, 181) }
```

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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