

Converting Colors

XYZ(27.8281, 29.7356, 50.7054)

Have a look what the booklet for
XYZ(27.8281, 29.7356, 50.7054)
contains.

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Color

**XYZ(27.8147, 29.7433,
50.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	7997BA
RGB	121, 151, 186
RGB Percent	47%, 59%, 73%
CMY	0.5255, 0.4078, 0.2706
CMYK	0.35, 0.19, 0.00, 0.27
HSL	212°, 32%, 60%
HSV	212°, 35%, 73%
XYZ	27.8147, 29.7433, 50.7294
YIQ	146.0200, -29.1150, 4.5250

Conversions

Conversions Part 2

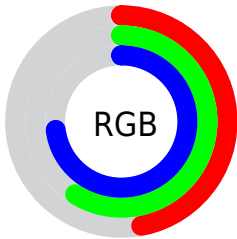
Format	Color
R _Y B	121, 142, 186
Decimal	7968698
CIE Lab	61.43, -1.80, -21.54
CIE LCh	61, 21.619, 265.219
Yxy	29.7433, 0.2569, 0.2747
Android (android.graphics.Color)	4286158778 (0xFF7997BA)
YUV	146.0200, 19.7101, -21.9425
Hunter-Lab	54.5374, -4.4035, -16.9739

Details

The XYZ color **27.8147, 29.7433, 50.7294** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.5900, 35.5972, 23.0853**, and the grayscale version is **27.2609, 28.6806, 31.2332**.

A 20% lighter version of the original color is **55.5375, 59.1874, 92.5016**, and **11.2451, 12.0730, 23.9279** is the 20% darker color. If you saturate the color by 10%, you get **23.9113, 25.4396, 50.1050**, and if you desaturate by 10%, it is **32.3595, 34.5823, 51.4244**.

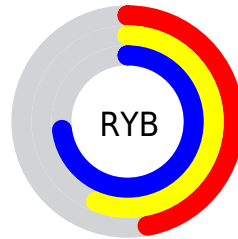
Distribution



Red (47%)

Green (59%)

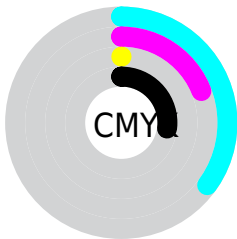
Blue (73%)



Red (47%)

Yellow (56%)

Blue (73%)

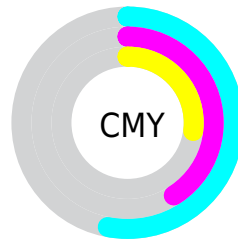


Cyan (35%)

Magenta (19%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (41%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8147, 29.7433, 50.7294 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 27.8147, 29.7433, 50.7294 by changing the saturation by 10% instead.

■ 27.8147, 29.7433,
50.7294

■ 27.8147, 29.7433,
50.7294

283.6766,
300.7061, 406.3280

■ 18.3258, 19.6438,
35.6181

■ 55.5992, 59.2560,
92.6621

■ 11.2852, 12.1364,
23.8520

■ 74.6254, 79.4380,
120.3205

■ 6.3277, 6.8366,
15.0127

■ 97.5615, 103.7496,
152.9983

■ 3.0879, 3.3601,
8.6816

124.7728,
132.5753, 191.1141

■ 1.2004, 1.3225,
4.4401

156.6245,
166.2994, 235.0865

■ 0.1067, 0.1585,
1.8698

193.4822,

■ 0.0000, 0.0000,

205.3063, 285.3339

0.4734

235.7111,
249.9804, 342.2749

■ 0.0000, 0.0000,
0.0000

■ 27.8147, 29.7433,
50.7294

■ 27.8147, 29.7433,
50.7294

■ 23.9113, 25.4396,
50.1050

■ 32.3595, 34.5823,
51.4244

■ 20.6141, 21.6461,
49.5465

■ 37.5728, 39.9733,
52.1902

■ 17.8886, 18.3402,
49.0521

■ 43.4835, 45.9367,
53.0297

■ 15.6951, 15.4963,
48.6187

■ 50.1178, 52.4906,
53.9451

■ 13.9885, 13.0852,
48.2433

■ 57.5007, 59.6520,
54.9383

■ 12.7142, 11.0728,
47.9220

■ 65.6558, 67.4376,
56.0112

■ 12.1787, 10.1766,
47.7773

■ 74.6055, 75.8631,
57.1658

■ 78.7139, 82.0270,
58.1390

■ 81.5998, 87.7988,
59.1010

Harmonies

Analogous

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



25.2508, 29.7433, 47.1021



27.8147, 29.7433, 50.7294



30.6759, 29.7433, 48.8056

Triad

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



27.8147, 29.7433, 50.7294



33.5369, 29.7433, 26.1339



23.9940, 29.7433, 24.2142

Complementary

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



27.8147, 29.7433, 50.7294



35.5900, 35.5972, 23.0853

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.



25.9935, 29.7433, 20.1355



27.8147, 29.7433, 50.7294



31.5210, 29.7433, 21.1060

Square

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



27.8147, 29.7433, 50.7294



34.1054, 29.7433, 33.7145



28.7305, 29.7433, 19.1013



23.1416, 29.7433, 31.0917

Rectangle

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



27.8147, 29.7433, 50.7294



32.3514, 29.7433, 44.7797



28.7305, 29.7433, 19.1013



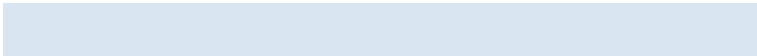
24.5474, 29.7433, 22.5193

Sweetspot

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



27.8157, 29.7445, 50.7301



73.0619, 77.4878, 95.3073



31.4174, 41.5725, 37.6740



15.7599, 16.7309, 20.9413



90.7827, 95.5105, 104.0109



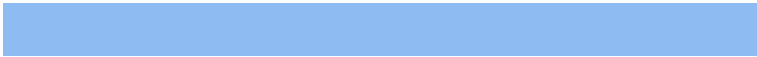
18.6292, 19.5994, 21.3438

Same Dimension

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



27.8157, 29.7445, 50.7301



44.8343, 47.7836, 91.0615



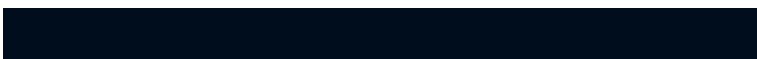
23.8935, 21.4442, 49.3347



8.8535, 9.3842, 11.4241



8.2667, 6.9932, 32.1672



0.3534, 0.3706, 1.1546

Inverse Universe

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



32.6738, 26.3492, 32.6431



55.1754, 41.4334, 52.3646



40.7380, 46.6686, 24.9510



9.1724, 9.0793, 10.2553



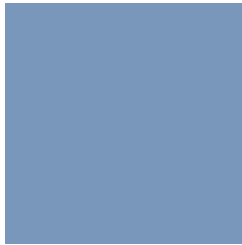
14.7863, 7.4883, 6.7617



0.5526, 0.2765, 0.4032

Previews

White Background



This preview shows how the XYZ color 27.8147, 29.7433, 50.7294 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 27.8147, 29.7433, 50.7294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

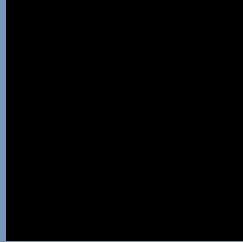
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

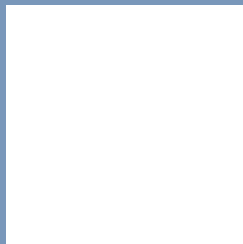
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.8147, 29.7433, 50.7294

Background



This preview shows how black text looks on a background with the XYZ color 27.8147, 29.7433, 50.7294.



This preview shows how white text looks on a background with the XYZ color 27.8147, 29.7433,

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

27.8147, 29.7433, 50.7294

Protanopia

29.4736, 29.4656, 48.9338

Deuteranopia

30.2504, 29.5894, 51.1307



Tritanopia

25.7331, 29.6142, 40.9191

Trichromacy



Original Color

27.8147, 29.7433, 50.7294

Protanomaly

28.7574, 29.5460, 49.5347

Deuteranomaly

29.2349, 29.5236, 51.1715

Tritanomaly

26.5024, 29.6900, 44.3783

Monochromacy



Original Color

27.8147, 29.7433, 50.7294

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3395, 29.0714, 37.8886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8147, 29.7433, 50.7294 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(121, 151, 186)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 186)  
}
```

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(121, 151, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 186) }
```

Border

The CSS property to change the border of an element to XYZ 27.8147, 29.7433, 50.7294 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(121, 151, 186) }
```


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

```
.border{ border-color:rgb(121, 151, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 186);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8147, 29.7433, 50.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 186) }
```

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

```
.background{ background-color: rgb(121,  
151, 186) }
```

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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