

Converting Colors

XYZ(27.4902, 28.1007, 48.7065)

Have a look what the booklet for
XYZ(27.4902, 28.1007, 48.7065)
contains.

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Color

**XYZ(27.4226, 27.9546,
48.7502)**

Conversions

Conversions Part 1

Format	Color
Hex	8090B7
RGB	128, 144, 183
RGB Percent	50%, 56%, 72%
CMY	0.4980, 0.4353, 0.2823
CMYK	0.30, 0.21, 0.00, 0.28
HSL	223°, 28%, 61%
HSV	223°, 30%, 72%
XYZ	27.4226, 27.9546, 48.7502
YIQ	143.6620, -22.0550, 8.7370

Conversions

Conversions Part 2

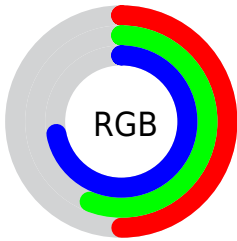
Format	Color
RYB	128, 140, 183
Decimal	8425655
CIELab	59.85, 3.46, -22.23
CIElCh	60, 22.500, 278.846
Yxy	27.9546, 0.2634, 0.2685
Android (android.graphics.Color)	4286615735 (0xFF8090B7)
YUV	143.6620, 19.3936, -13.7356
Hunter-Lab	52.8721, 0.0545, -17.6573

Details

The XYZ color **27.4226, 27.9546, 48.7502** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.2440, 39.2637, 26.0387**, and the grayscale version is **26.3051, 27.6750, 30.1380**.

A 20% lighter version of the original color is **55.0655, 56.5652, 89.6773**, and **11.0925, 11.1949, 22.6953** is the 20% darker color. If you saturate the color by 10%, you get **23.0607, 22.9546, 48.0155**, and if you desaturate by 10%, it is **32.5087, 33.6645, 49.5847**.

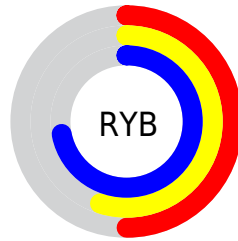
Distribution



Red (50%)

Green (56%)

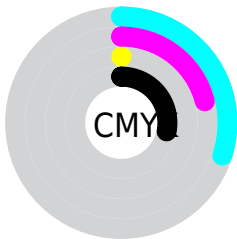
Blue (72%)



Red (50%)

Yellow (55%)

Blue (72%)

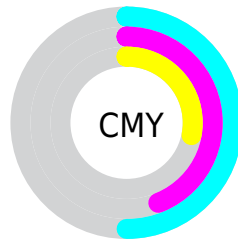


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (28%)



Cyan (50%)

Magenta (44%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4226, 27.9546, 48.7502 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 27.4226, 27.9546, 48.7502 by changing the saturation by 10% instead.

■ 27.4226, 27.9546,
48.7502

■ 27.4226, 27.9546,
48.7502

281.8279,
292.2499, 398.3522

■ 18.0291, 18.2914,
34.0572

■ 54.9764, 56.4120,
89.6975

■ 11.0707, 11.1594,
22.6598

■ 73.8674, 75.9749,
116.7888

■ 6.1820, 6.1742,
14.1396

■ 96.6549, 99.6066,
148.8500

■ 2.9978, 2.9513,
8.0779

123.7043,
127.6915, 186.2995

■ 1.1526, 1.1063,
4.0564

155.3809,
160.6138, 229.5559

■ 0.0684, 0.0000,
1.6563

192.0502,

■ 0.0000, 0.0000,

198.7581, 279.0379

0.3305

234.0774,
242.5086, 335.1638

■ 0.0000, 0.0000,
0.0000

■ 27.4226, 27.9546,
48.7502

■ 27.4226, 27.9546,
48.7502

■ 23.0607, 22.9546,
48.0155

■ 32.5087, 33.6645,
49.5847

■ 19.3859, 18.6323,
47.3749

■ 38.3482, 40.1084,
50.5208

■ 16.3619, 14.9577,
46.8250

■ 44.9720, 47.3130,
51.5623

■ 13.9477, 11.8969,
46.3614

■ 52.4084, 55.3028,
52.7125

■ 12.0973, 9.4127,
45.9795

■ 60.6843, 64.1011,
53.9746

■ 10.7573, 7.4630,
45.6738

■ 69.8253, 73.7303,
55.3514

■ 9.8314, 5.9870,
45.4377

■ 79.4488, 84.0019,
56.8268

■ 83.2971, 91.6985,
58.1096

■ 85.5473, 96.1989,
58.8597

Harmonies

Analogous

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



24.6392, 27.9546, 47.5666



27.4226, 27.9546, 48.7502



30.1615, 27.9546, 44.3865

Triad

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



27.4226, 27.9546, 48.7502



31.0755, 27.9546, 21.6087



21.7753, 27.9546, 25.1131

Complementary

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



27.4226, 27.9546, 48.7502



37.2440, 39.2637, 26.0387

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.



23.2756, 27.9546, 19.7683



27.4226, 27.9546, 48.7502



28.5992, 27.9546, 18.0111

Square

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



27.4226, 27.9546, 48.7502



32.3674, 27.9546, 28.0851



25.7353, 27.9546, 17.4036



21.5098, 27.9546, 32.9184

Rectangle

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



27.4226, 27.9546, 48.7502



31.5465, 27.9546, 39.3103



25.7353, 27.9546, 17.4036



22.1465, 27.9546, 23.0121

Sweetspot

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



27.4235, 27.9557, 48.7508



69.6952, 72.9436, 90.6419



32.7652, 41.2284, 42.5490



15.0347, 15.7181, 19.9631



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.



27.4235, 27.9557, 48.7508



43.8608, 44.0687, 86.4301



26.9147, 24.3471, 48.0811



8.7283, 9.1338, 11.3824



6.9108, 4.2812, 31.7152



0.2988, 0.2612, 1.1364

Inverse Universe

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



32.2824, 27.5201, 29.9971



54.0644, 43.5731, 46.9540



37.8437, 44.1967, 26.9592



9.1092, 9.0541, 9.9225



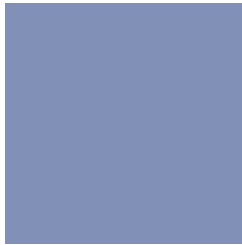
14.1019, 7.2145, 3.1575



0.5250, 0.2655, 0.2579

Previews

White Background



This preview shows how the XYZ color 27.4226, 27.9546, 48.7502 looks on a white background.

Color Contrast Check

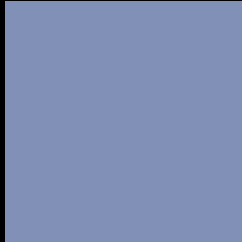
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4226, 27.9546, 48.7502 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 27.4226, 27.9546, 48.7502

Background



This preview shows how black text looks on a background with the XYZ color 27.4226, 27.9546, 48.7502.



This preview shows how white text looks on a background with the XYZ color 27.4226, 27.9546,

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

27.4226, 27.9546, 48.7502

Protanopia

27.9480, 27.7917, 48.1473

Deuteranopia

28.4931, 27.8288, 49.2171



Tritanopia

25.1034, 27.9288, 37.3254

Trichromacy



Original Color

27.4226, 27.9546, 48.7502

Protanomaly

27.7817, 27.9279, 48.1823

Deuteranomaly

28.1562, 27.8750, 49.2438

Tritanomaly

25.9590, 28.0546, 41.0927

Monochromacy



Original Color

27.4226, 27.9546, 48.7502

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6260, 27.8184, 36.3139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4226, 27.9546, 48.7502 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(128, 144, 183)` looks like.

```
.text, #text, p{  
    color:rgb(128, 144, 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(128, 144, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 144, 183) }
```

Border

The CSS property to change the border of an element to XYZ 27.4226, 27.9546, 48.7502 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(128, 144, 183) }
```


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

```
.border{ border-color:rgb(128, 144, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 144, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 144, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 144, 183);  
box-shadow:4px 4px 4px 4px rgb(128, 144,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4226, 27.9546, 48.7502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 144, 183) }
```

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

```
.background{ background-color: rgb(128,  
144, 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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