

Converting Colors

XYZ(27.7137, 27.9627, 47.3351)

Have a look what the booklet for
XYZ(27.7137, 27.9627, 47.3351)
contains.

XYZ(27.5764, 27.8457, 47.1013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5764, 27.8457,
47.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	848FB4
RGB	132, 143, 180
RGB Percent	52%, 56%, 71%
CMY	0.4823, 0.4392, 0.2941
CMYK	0.27, 0.21, 0.00, 0.29
HSL	226°, 24%, 61%
HSV	226°, 27%, 71%
XYZ	27.5764, 27.8457, 47.1013
YIQ	143.9290, -18.4330, 9.1750

Conversions

Conversions Part 2

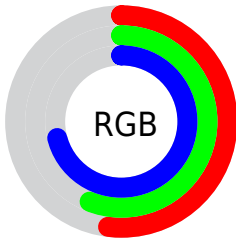
Format	Color
R_{YB}	132, 141, 180
Decimal	8687540
CIE _{Lab}	59.75, 4.50, -20.66
CIE _{LCh}	60, 21.142, 282.294
Yxy	27.8457, 0.2690, 0.2716
Android (android.graphics.Color)	4286877620 (0xFF848FB4)
YUV	143.9290, 17.7830, -10.4617
Hunter-Lab	52.7690, 0.9360, -15.9836

Details

The XYZ color **27.5764, 27.8457, 47.1013** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.1757, 39.7456, 27.5430**, and the grayscale version is **26.4174, 27.7932, 30.2667**.

A 20% lighter version of the original color is **55.3563, 56.4277, 87.3309**, and **11.1385, 11.1103, 21.6361** is the 20% darker color. If you saturate the color by 10%, you get **23.0452, 22.6071, 46.3294**, and if you desaturate by 10%, it is **32.8527, 33.8521, 47.9830**.

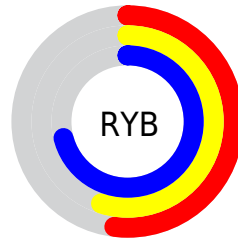
Distribution



Red (52%)

Green (56%)

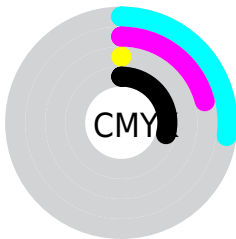
Blue (71%)



Red (52%)

Yellow (55%)

Blue (71%)

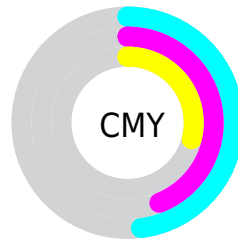


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5764, 27.8457, 47.1013 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 27.5764, 27.8457, 47.1013 by changing the saturation by 10% instead.

■ 27.5764, 27.8457,
47.1013

■ 27.5764, 27.8457,
47.1013

282.5542,
291.7289, 391.6242

■ 18.1454, 18.2094,
32.7608

■ 55.2208, 56.2380,
87.2164

■ 11.1548, 11.1004,
21.6737

■ 74.1650, 75.7628,
113.8281

■ 6.2391, 6.1344,
13.4213

■ 97.0108, 99.3525,
145.3672

■ 3.0330, 2.9270,
7.5852

124.1239,
127.3915, 182.2524

■ 1.1713, 1.0937,
3.7467

155.8693,
160.2643, 224.9022

■ 0.0835, 0.0000,
1.4875

192.6126,

■ 0.0000, 0.0000,

198.3552, 273.7350

0.2086

234.7191,
242.0486, 329.1695

■ 0.0000, 0.0000,
0.0000

■ 27.5764, 27.8457,
47.1013

■ 27.5764, 27.8457,
47.1013

■ 23.0452, 22.6071,
46.3294

■ 32.8527, 33.8521,
47.9830

■ 19.2221, 18.1015,
45.6613

■ 38.9035, 40.6528,
48.9768

■ 16.0709, 14.2961,
45.0928

■ 45.7598, 48.2769,
50.0870

■ 13.5510, 11.1543,
44.6192

■ 53.4500, 56.7512,
51.3174

■ 11.6173, 8.6357,
44.2350

■ 62.0012, 66.1010,
52.6714

■ 10.2180, 6.6955,
43.9343

■ 71.4394, 76.3508,
54.1524

■ 9.2857, 5.2786,
43.7099

■ 80.6757, 86.9500,
55.7114

■ 9.0400, 4.8987,
43.6495

■ 84.9205, 95.4398,
57.1264

■ 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.



24.9335, 27.8457, 46.6203



27.5764, 27.8457, 47.1013



30.0792, 27.8457, 42.5670

Triad

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



27.5764, 27.8457, 47.1013



30.4546, 27.8457, 21.4509



21.8647, 27.8457, 26.0580

Complementary

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



27.5764, 27.8457, 47.1013



37.1757, 39.7456, 27.5430

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.



23.1553, 27.8457, 20.6798



27.5764, 27.8457, 47.1013



28.0611, 27.8457, 18.3444

Square

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



27.5764, 27.8457, 47.1013



31.8144, 27.8457, 27.2908



25.3868, 27.8457, 18.0882



21.7542, 27.8457, 33.5638

Rectangle

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



27.5764, 27.8457, 47.1013



31.2843, 27.8457, 37.6932



25.3868, 27.8457, 18.0882



22.1706, 27.8457, 23.9758

Sweetspot

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



27.5773, 27.8468, 47.1019



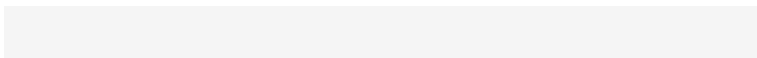
68.8351, 71.8048, 88.5263



32.9803, 40.4057, 43.4992



14.5113, 15.1090, 19.0738



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.



27.5773, 27.8468, 47.1019



45.0101, 44.7390, 84.5578



28.1321, 25.8003, 46.6777



8.1948, 8.5357, 10.7220



6.3527, 3.5058, 30.4788



0.2443, 0.1992, 0.9738

Inverse Universe

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



32.0323, 28.1899, 29.7406



54.5274, 45.7361, 47.4096



36.4654, 42.5463, 28.1210



8.5735, 8.5361, 9.2525



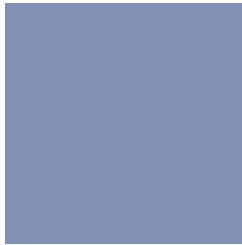
13.4412, 6.8940, 2.2174



0.4454, 0.2259, 0.1879

Previews

White Background



This preview shows how the XYZ color 27.5764, 27.8457, 47.1013 looks on a white background.

Color Contrast Check

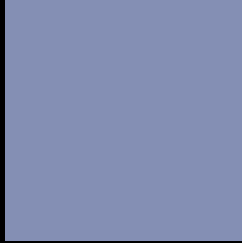
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5764, 27.8457, 47.1013 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

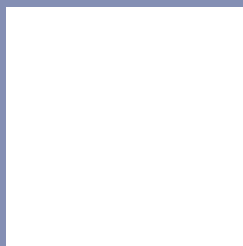
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5764, 27.8457, 47.1013

Background



This preview shows how black text looks on a background with the XYZ color 27.5764, 27.8457, 47.1013.



This preview shows how white text looks on a background with the XYZ color 27.5764, 27.8457,

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

27.5764, 27.8457, 47.1013

Protanopia

27.8014, 27.7516, 46.5391

Deuteranopia

28.4106, 27.8340, 47.0551



Tritanopia

25.5938, 27.9598, 36.8487

Trichromacy



Original Color

27.5764, 27.8457, 47.1013

Protanomaly

27.6412, 27.6690, 46.5316

Deuteranomaly

28.0646, 27.8755, 47.0814

Tritanomaly

26.3072, 28.0149, 40.5801

Monochromacy



Original Color

27.5764, 27.8457, 47.1013

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8743, 27.9563, 35.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5764, 27.8457, 47.1013 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(132, 143, 180)` looks like.

```
.text, #text, p{  
    color:rgb(132, 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(132, 143, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 143, 180) }
```

Border

The CSS property to change the border of an element to XYZ 27.5764, 27.8457, 47.1013 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(132, 143, 180) }
```


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

```
.border{ border-color:rgb(132, 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(132, 143, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 143, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 143, 180);  
box-shadow:4px 4px 4px 4px rgb(132, 143,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5764, 27.8457, 47.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 143, 180) }
```

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

```
.background{ background-color: rgb(132,  
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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