

Converting Colors

XYZ(27.1004, 27.6918, 42.9464)

Have a look what the booklet for
XYZ(27.1004, 27.6918, 42.9464)
contains.

XYZ(27.1004, 27.6918, 42.9464)	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(27.1004, 27.6918,
42.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	868FAC
RGB	134, 143, 172
RGB Percent	53%, 56%, 67%
CMY	0.4745, 0.4392, 0.3255
CMYK	0.22, 0.17, 0.00, 0.33
HSL	226°, 19%, 60%
HSV	226°, 22%, 67%
XYZ	27.1004, 27.6918, 42.9464
YIQ	143.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

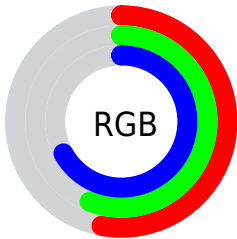
Format	Color
RYB	134, 141, 172
Decimal	8818604
CIELab	59.61, 3.19, -16.31
CIElCh	60, 16.622, 281.061
Yxy	27.6918, 0.2773, 0.2833
Android (android.graphics.Color)	4287008684 (0xFF868FAC)
YUV	143.6150, 13.9938, -8.4324
Hunter-Lab	52.6230, -0.1643, -11.5513

Details

The XYZ color **27.1004, 27.6918, 42.9464** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.4139, 36.6865, 27.8225**, and the grayscale version is **26.3051, 27.6750, 30.1380**.

A 20% lighter version of the original color is **54.5704, 56.1699, 80.6388**, and **10.9607, 11.0696, 19.3283** is the 20% darker color. If you saturate the color by 10%, you get **22.7223, 22.6794, 42.2101**, and if you desaturate by 10%, it is **32.1567, 33.3975, 43.7817**.

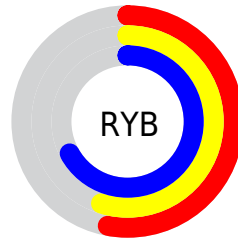
Distribution



Red (53%)

Green (56%)

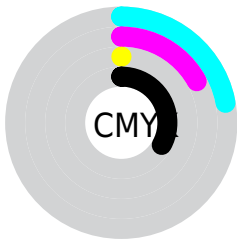
Blue (67%)



Red (53%)

Yellow (55%)

Blue (67%)

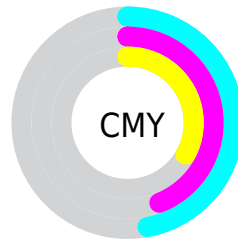


Cyan (22%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1004, 27.6918, 42.9464 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 27.1004, 27.6918, 42.9464 by changing the saturation by 10% instead.

■ 27.1004, 27.6918,
42.9464

■ 27.1004, 27.6918,
42.9464

280.3016,
290.9913, 374.3060

■ 17.7856, 18.0935,
29.5120

■ 54.4637, 55.9920,
80.9155

■ 10.8949, 11.0171,
19.2196

■ 73.2429, 75.4627,
106.2872

■ 6.0630, 6.0783,
11.6506

■ 95.9076, 98.9929,
136.4751

■ 2.9245, 2.8928,
6.3866

122.8233,
126.9671, 171.8977

■ 1.1139, 1.0760,
3.0090

154.3551,
159.7696, 212.9735

■ 0.0367, 0.0000,
1.0992

190.8685,

■ 0.0000, 0.0000,

197.7849, 260.1212

0.0000

232.7289,
241.3973, 313.7592

■ 27.1004, 27.6918,
42.9464

■ 27.1004, 27.6918,
42.9464

■ 22.7223, 22.6794,
42.2101

■ 32.1567, 33.3975,
43.7817

■ 18.9904, 18.3299,
41.5673

■ 37.9162, 39.8185,
44.7175

■ 15.8739, 14.6158,
41.0146

■ 44.4058, 46.9800,
45.7578

■ 13.3383, 11.5062,
40.5481

■ 51.6502, 54.9051,
46.9056

■ 11.3456, 8.9672,
40.1630

■ 59.6729, 63.6155,
48.1641

■ 9.8530, 6.9616,
39.8546

■ 68.4965, 73.1324,
49.5360

■ 8.8106, 5.4471,
39.6172

■ 78.1424, 83.4760,
51.0241

■ 8.2305, 4.5467,
39.4739

■ 82.2571, 91.3798,
52.3328

■ 84.4465, 95.7586,
53.0626

Harmonies

Analogous

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



25.0347, 27.6918, 42.4292



27.1004, 27.6918, 42.9464



29.0551, 27.6918, 39.7109

Triad

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



27.1004, 27.6918, 42.9464



29.4750, 27.6918, 23.1926



22.6919, 27.6918, 26.5610

Complementary

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



27.1004, 27.6918, 42.9464



34.4139, 36.6865, 27.8225

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.



23.7626, 27.6918, 22.2645



27.1004, 27.6918, 42.9464



27.6491, 27.6918, 20.5054

Square

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



27.1004, 27.6918, 42.9464



30.4737, 27.6918, 27.9927



25.5552, 27.6918, 20.1898



22.5624, 27.6918, 32.4189

Rectangle

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



27.1004, 27.6918, 42.9464



30.0041, 27.6918, 36.0839



25.5552, 27.6918, 20.1898



22.9509, 27.6918, 24.9080

Sweetspot

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



27.1013, 27.6929, 42.9470



63.3631, 66.2076, 80.2455



31.1508, 37.2004, 39.9550



13.6423, 14.2458, 17.4184



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.1013, 27.6929, 42.9470



44.7329, 45.1819, 77.1691



27.3867, 25.9140, 42.5886



7.7272, 8.0538, 10.1000



6.1613, 3.4564, 29.3869



0.2132, 0.1797, 0.8314

Inverse Universe

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



30.4970, 27.8048, 29.7473



52.1587, 45.6159, 48.2612



34.0582, 38.9606, 28.2802



8.0801, 8.0453, 8.7327



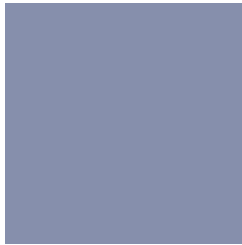
12.9736, 6.6520, 2.2403



0.3820, 0.1935, 0.1733

Previews

White Background



This preview shows how the XYZ color 27.1004, 27.6918, 42.9464 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 27.1004, 27.6918, 42.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

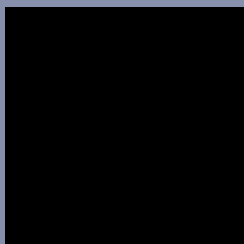
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.1004, 27.6918, 42.9464

Background



This preview shows how black text looks on a background with the XYZ color 27.1004, 27.6918, 42.9464.



This preview shows how white text looks on a background with the XYZ color 27.1004, 27.6918,

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

27.1004, 27.6918, 42.9464

Protanopia

27.3402, 27.6046, 42.4153

Deuteranopia

28.2486, 27.6129, 43.3761



Tritanopia

25.7248, 27.8174, 35.9117

Trichromacy



Original Color

27.1004, 27.6918, 42.9464

Protanomaly

27.1770, 27.5205, 42.4077

Deuteranomaly

27.8829, 27.6423, 43.4011

Tritanomaly

26.1627, 27.7650, 38.1627

Monochromacy



Original Color

27.1004, 27.6918, 42.9464

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.6212, 27.8551, 34.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1004, 27.6918, 42.9464 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(134, 143, 172)` looks like.

```
.text, #text, p{  
    color:rgb(134, 143, 172)  
}
```

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(134, 143, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 143, 172) }
```

Border

The CSS property to change the border of an element to XYZ 27.1004, 27.6918, 42.9464 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(134, 143, 172) }
```


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

```
.border{ border-color:rgb(134, 143, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 143, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 143, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 143, 172);  
box-shadow:4px 4px 4px 4px rgb(134, 143,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1004, 27.6918, 42.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 143, 172) }
```

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

```
.background{ background-color: rgb(134,  
143, 172) }
```

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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