

Converting Colors

XYZ(26.9604, 27.6244, 47.6543)

Have a look what the booklet for
XYZ(26.9604, 27.6244, 47.6543)
contains.

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Color

**XYZ(26.9153, 27.4931,
47.6042)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8FB5
RGB	127, 143, 181
RGB Percent	50%, 56%, 71%
CMY	0.5020, 0.4392, 0.2902
CMYK	0.30, 0.21, 0.00, 0.29
HSL	222°, 27%, 60%
HSV	222°, 30%, 71%
XYZ	26.9153, 27.4931, 47.6042
YIQ	142.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

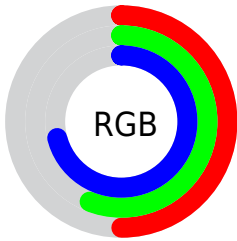
Format	Color
R_{YB}	127, 139, 181
Decimal	8359861
CIE _{Lab}	59.43, 3.22, -21.75
CIE _{LCh}	59, 21.984, 278.420
Yxy	27.4931, 0.2638, 0.2695
Android (android.graphics.Color)	4286549941 (0xFF7F8FB5)
YUV	142.5480, 18.9568, -13.6356
Hunter-Lab	52.4339, -0.1318, -17.1251

Details

The XYZ color **26.9153, 27.4931, 47.6042** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3424, 38.2666, 25.5502**, and the grayscale version is **25.8623, 27.2092, 29.6308**.

A 20% lighter version of the original color is **54.3084, 55.8707, 88.0425**, and **10.7911, 10.9237, 21.9618** is the 20% darker color. If you saturate the color by 10%, you get **22.6533, 22.6174, 46.8882**, and if you desaturate by 10%, it is **31.8805, 33.0549, 48.4165**.

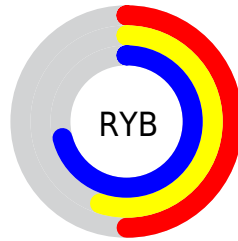
Distribution



Red (50%)

Green (56%)

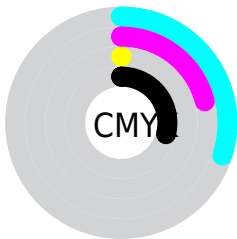
Blue (71%)



Red (50%)

Yellow (55%)

Blue (71%)

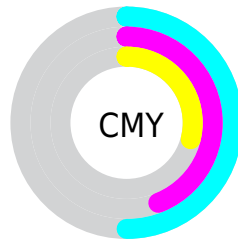


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9153, 27.4931, 47.6042 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 26.9153, 27.4931, 47.6042 by changing the saturation by 10% instead.

■ 26.9153, 27.4931,
47.6042

■ 26.9153, 27.4931,
47.6042

279.4218,
290.0368, 393.6845

■ 17.6459, 17.9439,
33.1558

■ 54.1688, 55.6741,
87.9742

■ 10.7942, 10.9097,
21.9737

■ 72.8835, 75.0747,
114.7329

■ 5.9949, 6.0062,
13.6395

■ 95.4774, 98.5280,
146.4321

■ 2.8826, 2.8488,
7.7345

122.3159,
126.4182, 183.4903

■ 1.0920, 1.0533,
3.8402

153.7642,
159.1297, 226.3261

■ 0.0184, 0.0000,
1.5381

190.1877,

■ 0.0000, 0.0000,

197.0471, 275.3581

0.2461

231.9518,
240.5547, 331.0047

■ 0.0000, 0.0000,
0.0000

■ 26.9153, 27.4931,
47.6042

■ 26.9153, 27.4931,
47.6042

■ 22.6533, 22.6174,
46.8882

■ 31.8805, 33.0549,
48.4165

■ 19.0586, 18.3966,
46.2630

■ 37.5771, 39.3256,
49.3266

■ 16.0962, 14.8020,
45.7253

■ 44.0349, 46.3311,
50.3385

■ 13.7264, 11.8012,
45.2710

■ 51.2814, 54.0948,
51.4551

■ 11.9048, 9.3585,
44.8955

■ 59.3425, 62.6391,
52.6794

■ 10.5800, 7.4335,
44.5937

■ 68.2430, 71.9855,
54.0144

■ 9.6563, 5.9621,
44.3584

■ 78.0067, 82.1545,
55.4626

■ 9.6427, 5.9405,
44.3550

■ 82.2019, 89.8388,
56.7247

■ 85.3406, 96.1162,
57.7709

Harmonies

Analogous

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



24.2298, 27.4931, 46.3879



26.9153, 27.4931, 47.6042



29.5658, 27.4931, 43.4743

Triad

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



26.9153, 27.4931, 47.6042



30.5084, 27.4931, 21.4576



21.5055, 27.4931, 24.6917

Complementary

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



26.9153, 27.4931, 47.6042



36.3424, 38.2666, 25.5502

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.



22.9738, 27.4931, 19.5469



26.9153, 27.4931, 47.6042



28.1299, 27.4931, 17.9210

Square

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



26.9153, 27.4931, 47.6042



31.7337, 27.4931, 27.7668



25.3628, 27.4931, 17.2890



21.2306, 27.4931, 32.2138

Rectangle

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



26.9153, 27.4931, 47.6042



30.9124, 27.4931, 38.6101



25.3628, 27.4931, 17.2890



21.8706, 27.4931, 22.6682

Sweetspot

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



26.9162, 27.4942, 47.6048



68.0451, 71.2452, 88.4600



32.0502, 40.2697, 41.5862



14.3695, 15.0300, 19.0660



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.



26.9162, 27.4942, 47.6048



42.9048, 43.1987, 84.3715



26.3787, 23.9019, 46.9398



8.2404, 8.6270, 10.7372



6.7010, 4.2024, 30.5950



0.2629, 0.2364, 0.9800

Inverse Universe

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



31.6041, 26.9864, 29.5309



52.8129, 42.5546, 46.0751



36.9761, 43.1490, 26.4592



8.5965, 8.5453, 9.3738



13.6170, 6.9644, 3.1432



0.4547, 0.2296, 0.2373

Previews

White Background



This preview shows how the XYZ color 26.9153, 27.4931, 47.6042 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 26.9153, 27.4931, 47.6042 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

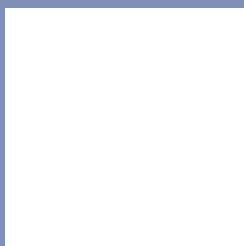
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9153, 27.4931, 47.6042

Background



This preview shows how black text looks on a background with the XYZ color 26.9153, 27.4931, 47.6042.



This preview shows how white text looks on a background with the XYZ color 26.9153, 27.4931,

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

26.9153, 27.4931, 47.6042

Protanopia

27.4360, 27.3316, 47.0095

Deuteranopia

27.9749, 27.3678, 48.0640



Tritanopia

24.7178, 27.5082, 36.8077

Trichromacy



Original Color

26.9153, 27.4931, 47.6042

Protanomaly

27.2713, 27.4666, 47.0442

Deuteranomaly

27.6412, 27.4137, 48.0905

Tritanomaly

25.5661, 27.6329, 40.5454

Monochromacy



Original Color

26.9153, 27.4931, 47.6042

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2248, 27.3976, 35.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9153, 27.4931, 47.6042 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, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 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, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 181) }
```

Border

The CSS property to change the border of an element to XYZ 26.9153, 27.4931, 47.6042 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, 143, 181) }
```


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

```
.border{ border-color:rgb(127, 143, 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, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9153, 27.4931, 47.6042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 181) }
```

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

```
.background{ background-color: rgb(127,  
143, 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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