

Converting Colors

XYZ(27.4180, 21.5542, 86.7197)

Have a look what the booklet for
XYZ(27.4180, 21.5542, 86.7197)
contains.

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Color

**XYZ(27.4180, 21.5542,
86.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	6374F2
RGB	99, 116, 242
RGB Percent	39%, 45%, 95%
CMY	0.6117, 0.5451, 0.0510
CMYK	0.59, 0.52, 0.00, 0.05
HSL	233°, 85%, 67%
HSV	233°, 59%, 95%
XYZ	27.4180, 21.5542, 86.7197
YIQ	125.2810, -50.5780, 35.5820

Conversions

Conversions Part 2

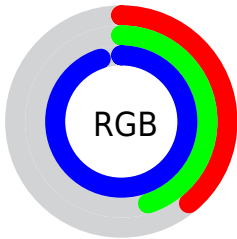
Format	Color
R _Y B	99, 114, 242
Decimal	6518002
CIE Lab	53.55, 30.58, -65.47
CIE LCh	54, 72.264, 295.038
Yxy	21.5542, 0.2021, 0.1588
Android (android.graphics.Color)	4284708082 (0xFF6374F2)
YUV	125.2810, 57.5425, -23.0484
Hunter-Lab	46.4265, 24.1700, -78.2488

Details

The XYZ color **27.4180, 21.5542, 86.7197** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **65.7980, 73.6330, 22.5510**, and the grayscale version is **19.4130, 20.4240, 22.2417**.

A 20% lighter version of the original color is **46.5498, 42.6988, 100.3960**, and **11.0552, 7.7562, 46.8134** is the 20% darker color. If you saturate the color by 10%, you get **22.9769, 16.0252, 85.8871**, and if you desaturate by 10%, it is **33.2171, 28.6209, 87.7786**.

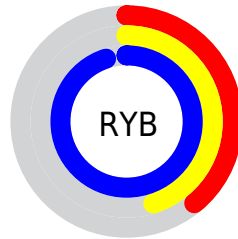
Distribution



Red (39%)

Green (45%)

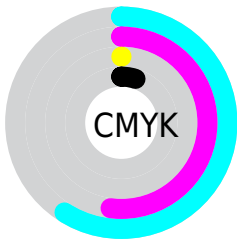
Blue (95%)



Red (39%)

Yellow (45%)

Blue (95%)

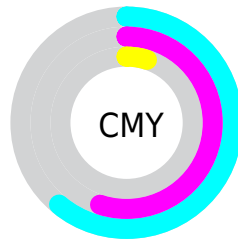


Cyan (59%)

Magenta (52%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (55%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4180, 21.5542, 86.7197 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 27.4180, 21.5542, 86.7197 by changing the saturation by 10% instead.

■ 27.4180, 21.5542,
86.7197

■ 27.4180, 21.5542,
86.7197

281.8061,
260.2093, 537.5936

■ 18.0256, 13.5297,
64.7050

■ 54.9691, 46.0081,
144.6688

■ 11.0682, 7.7943,
46.7721

■ 73.8585, 63.2062,
181.4403

■ 6.1803, 3.9636,
32.5024

■ 96.6442, 84.2311,
223.9677

■ 2.9967, 1.6532,
21.4776

■ 123.6917,
109.4670, 272.6697

■ 1.1520, 0.3931,
13.2789

155.3663,
139.2984, 327.9647

■ 0.0680, 0.0000,
7.4879

192.0333,

■ 0.0000, 0.0000,

174.1096, 390.2714

3.6860

234.0581,
214.2851, 460.0082

■ 0.0000, 0.0000,
1.4547

■ 0.0000, 0.0000,
0.1839

■ 27.4180, 21.5542,
86.7197

■ 27.4180, 21.5542,
86.7197

■ 22.9769, 16.0252,
85.8871

■ 33.2171, 28.6209,
87.7786

■ 19.7784, 11.9160,
85.2625

■ 40.4709, 37.3274,
89.0768

■ 17.6928, 9.0943,
84.8278

■ 49.2703, 47.7689,
90.6284

■ 16.5370, 7.3897,
84.5597

■ 59.6982, 60.0329,
92.4460

■ 16.4606, 7.2778,
84.5421

■ 71.8314, 74.2011,
94.5412

■ 85.7419, 90.3499,
96.9251

■ 93.0271, 99.1908,
98.2476

Harmonies

Analogous

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



19.2317, 21.5542, 96.1950



27.4180, 21.5542, 86.7197



35.1844, 21.5542, 57.1444

Triad

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



27.4180, 21.5542, 86.7197



30.2027, 21.5542, 3.0428



8.9879, 21.5542, 19.9869

Complementary

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



27.4180, 21.5542, 86.7197



65.7980, 73.6330, 22.5510

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.



10.5859, 21.5542, 6.5852



27.4180, 21.5542, 86.7197



21.7949, 21.5542, 1.4979

Square

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



27.4180, 21.5542, 86.7197



37.0543, 21.5542, 9.7025



14.8345, 21.5542, 2.1962



9.7820, 21.5542, 46.3947

Rectangle

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



27.4180, 21.5542, 86.7197



38.3912, 21.5542, 36.2158



14.8345, 21.5542, 2.1962



9.2483, 21.5542, 14.1306

Sweetspot

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



27.4190, 21.5548, 86.7203



68.5600, 69.1643, 104.3443



50.2093, 71.4819, 80.9171



13.8871, 13.8809, 22.1973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.4190, 21.5548, 86.7203



25.0045, 16.9424, 96.5601



33.3337, 21.9573, 86.4862



15.0485, 15.5312, 19.9263



8.8933, 4.0108, 45.4333



0.7886, 0.4312, 3.7959

Inverse Universe

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



44.2332, 29.0635, 19.8016



45.7722, 26.9856, 13.7340



55.1327, 75.2975, 23.4344



15.8492, 15.7894, 16.7621



19.8145, 10.1982, 1.6740



1.6730, 0.8582, 0.2689

Previews

White Background



This preview shows how the XYZ color 27.4180, 21.5542, 86.7197 looks on a white background.

Color Contrast Check

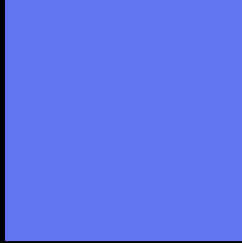
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4180, 21.5542, 86.7197 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 27.4180, 21.5542, 86.7197

Background



This preview shows how black text looks on a background with the XYZ color 27.4180, 21.5542, 86.7197.



This preview shows how white text looks on a background with the XYZ color 27.4180, 21.5542,

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

27.4180, 21.5542, 86.7197

Protanopia

25.6049, 21.7210, 93.2855

Deuteranopia

21.9862, 21.5667, 76.4028



Tritanopia

16.5413, 21.5971, 32.1510

Trichromacy



Original Color

27.4180, 21.5542, 86.7197

Protanomaly

25.8197, 21.3416, 90.7542

Deuteranomaly

22.7692, 20.9255, 79.9298

Tritanomaly

19.4876, 21.1073, 47.8468

Monochromacy



Original Color

27.4180, 21.5542, 86.7197

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.2299, 20.4592, 39.8759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4180, 21.5542, 86.7197 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(99, 116, 242)` looks like.

```
.text, #text, p{  
    color:rgb(99, 116, 242)  
}
```

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(99, 116, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 116, 242) }
```

Border

The CSS property to change the border of an element to XYZ 27.4180, 21.5542, 86.7197 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(99, 116, 242) }
```


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

```
.border{ border-color:rgb(99, 116, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 116, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 116, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 116, 242);  
box-shadow:4px 4px 4px 4px rgb(99, 116,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4180, 21.5542, 86.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 116, 242) }
```

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

```
.background{ background-color: rgb(99, 116,  
242) }
```

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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