

Converting Colors

XYZ(27.1333, 25.5684, 80.5959)

Have a look what the booklet for
XYZ(27.1333, 25.5684, 80.5959)
contains.

XYZ(27.1333, 25.5684, 80.5959)	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(27.1333, 25.5684,
80.5959)**

Conversions

Conversions Part 1

Format	Color
Hex	5289E9
RGB	82, 137, 233
RGB Percent	32%, 54%, 91%
CMY	0.6784, 0.4627, 0.0863
CMYK	0.65, 0.41, 0.00, 0.09
HSL	218°, 77%, 62%
HSV	218°, 65%, 91%
XYZ	27.1333, 25.5684, 80.5959
YIQ	131.4990, -63.5960, 18.1960

Conversions

Conversions Part 2

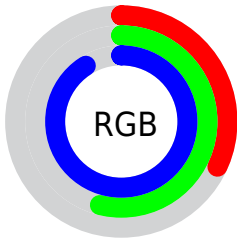
Format	Color
R_{YB}	82, 122, 233
Decimal	5409257
CIE _{Lab}	57.63, 11.87, -53.98
CIE _{LCh}	58, 55.269, 282.407
Yxy	25.5684, 0.2036, 0.1918
Android (android.graphics.Color)	4283599337 (0xFF5289E9)
YUV	131.4990, 50.0400, -43.4106
Hunter-Lab	50.5652, 7.2940, -59.1067

Details

The XYZ color **27.1333, 25.5684, 80.5959** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **51.0496, 49.7767, 14.9015**, and the grayscale version is **21.5958, 22.7204, 24.7425**.

A 20% lighter version of the original color is **47.9651, 49.9762, 101.7261**, and **11.4255, 10.1538, 42.9527** is the 20% darker color. If you saturate the color by 10%, you get **23.4771, 20.7694, 79.8629**, and if you desaturate by 10%, it is **31.7684, 31.3018, 81.4588**.

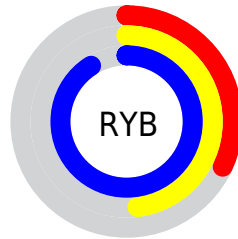
Distribution



Red (32%)

Green (54%)

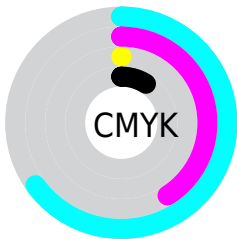
Blue (91%)



Red (32%)

Yellow (48%)

Blue (91%)

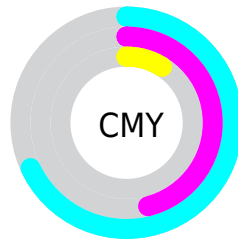


Cyan (65%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (68%)

Magenta (46%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1333, 25.5684, 80.5959 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 27.1333, 25.5684, 80.5959 by changing the saturation by 10% instead.

■ 27.1333, 25.5684,
80.5959

■ 27.1333, 25.5684,
80.5959

280.4577,
280.6569, 516.6984

■ 17.8105, 16.5010,
59.6798

■ 54.5161, 52.5778,
136.0222

■ 10.9129, 9.8794,
42.7370

■ 73.3067, 71.2887,
171.3694

■ 6.0751, 5.3191,
29.3489

■ 95.9840, 93.9829,
212.3641

■ 2.9319, 2.4357,
19.0971

■ 122.9133,
121.0447, 259.4248

■ 1.1179, 0.8441,
11.5629

154.4600,
152.8587, 312.9701

■ 0.0400, 0.0000,
6.3279

190.9894,

■ 0.0000, 0.0000,

189.8091, 373.4184

2.9735

232.8669,
232.2804, 441.1883

■ 0.0000, 0.0000,
1.0811

■ 0.0000, 0.0000,
0.0000

■ 27.1333, 25.5684,
80.5959

■ 27.1333, 25.5684,
80.5959

■ 23.4771, 20.7694,
79.8629

■ 31.7684, 31.3018,
81.4588

■ 20.7119, 16.8413,
79.2504

■ 37.4528, 38.0216,
82.4563

■ 18.7371, 13.7139,
78.7508

■ 44.2540, 45.7781,
83.5950

■ 17.9457, 12.3585,
78.5309

■ 52.2320, 54.6173,
84.8806

■ 61.4429, 64.5820,
86.3185

■ 71.9387, 75.7127,
87.9138

■ 83.7683, 88.0476,
89.6712

■ 91.7081, 98.6632,
91.3017

Harmonies

Analogous

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



20.6627, 25.5684, 78.8783



27.1333, 25.5684, 80.5959



33.9098, 25.5684, 64.2463

Triad

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



27.1333, 25.5684, 80.5959



34.9345, 25.5684, 9.8124



14.0969, 25.5684, 18.2315

Complementary

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



27.1333, 25.5684, 80.5959



51.0496, 49.7767, 14.9015

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.



16.7056, 25.5684, 8.6965



27.1333, 25.5684, 80.5959



28.3454, 25.5684, 5.5728

Square

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



27.1333, 25.5684, 80.5959



38.9313, 25.5684, 20.7350



21.6748, 25.5684, 5.2864



13.8911, 25.5684, 36.4059

Rectangle

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



27.1333, 25.5684, 80.5959



37.3811, 25.5684, 48.3080



21.6748, 25.5684, 5.2864



14.6966, 25.5684, 14.1648

Sweetspot

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



27.1344, 25.5692, 80.5966



70.3650, 73.8375, 105.1512



40.6189, 63.2722, 52.0004



14.3726, 15.0583, 22.3990



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.



27.1344, 25.5692, 80.5966



27.4766, 23.6438, 97.7233



23.2214, 14.7520, 78.7149



14.6804, 15.4472, 19.1301



10.2904, 7.2278, 44.5957



0.8968, 0.7451, 3.5314

Inverse Universe

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



41.1379, 25.1657, 26.3568



46.5911, 25.6709, 23.1090



58.0648, 73.0140, 19.0170



15.2922, 15.1447, 16.8241



20.0494, 10.2225, 6.0615



1.6192, 0.8206, 0.7119

Previews

White Background



This preview shows how the XYZ color 27.1333, 25.5684, 80.5959 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 27.1333, 25.5684, 80.5959 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

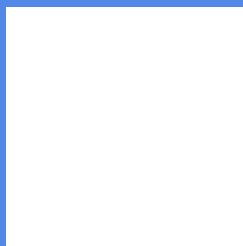
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1333, 25.5684, 80.5959

Background



This preview shows how black text looks on a background with the XYZ color 27.1333, 25.5684, 80.5959.



This preview shows how white text looks on a background with the XYZ color 27.1333, 25.5684,

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

27.1333, 25.5684, 80.5959

Protanopia

27.8787, 25.3611, 79.0271

Deuteranopia

26.5391, 25.6880, 80.6503



Tritanopia

18.8435, 25.6082, 39.0717

Trichromacy



Original Color

27.1333, 25.5684, 80.5959

Protanomaly

27.6431, 25.4295, 79.7954

Deuteranomaly

26.6981, 25.5560, 80.6165

Tritanomaly

21.2499, 25.3823, 51.9234

Monochromacy



Original Color

27.1333, 25.5684, 80.5959

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.6260, 23.4922, 40.8780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1333, 25.5684, 80.5959 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(82, 137, 233)` looks like.

```
.text, #text, p{  
    color:rgb(82, 137, 233)  
}
```

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(82, 137, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 137, 233) }
```

Border

The CSS property to change the border of an element to XYZ 27.1333, 25.5684, 80.5959 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(82, 137, 233) }
```


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

```
.border{ border-color:rgb(82, 137, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 137, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 137, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 137, 233);  
box-shadow:4px 4px 4px 4px rgb(82, 137,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1333, 25.5684, 80.5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 137, 233) }
```

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

```
.background{ background-color: rgb(82, 137,  
233) }
```

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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