

Converting Colors

XYZ(27.5329, 27.2050, 75.0341)

Have a look what the booklet for
XYZ(27.5329, 27.2050, 75.0341)
contains.

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Color

**XYZ(27.5329, 27.2050,
75.0341)**

Conversions

Conversions Part 1

Format	Color
Hex	598FE1
RGB	89, 143, 225
RGB Percent	35%, 56%, 88%
CMY	0.6510, 0.4392, 0.1176
CMYK	0.60, 0.36, 0.00, 0.12
HSL	216°, 69%, 62%
HSV	216°, 60%, 88%
XYZ	27.5329, 27.2050, 75.0341
YIQ	136.2020, -58.5060, 14.0540

Conversions

Conversions Part 2

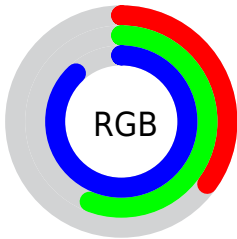
Format	Color
R _Y B	89, 128, 225
Decimal	5869537
CIE Lab	59.16, 6.85, -47.06
CIE LCh	59, 47.560, 278.283
Yxy	27.2050, 0.2122, 0.2096
Android (android.graphics.Color)	4284059617 (0xFF598FE1)
YUV	136.2020, 43.7774, -41.3962
Hunter-Lab	52.1584, 2.9477, -48.7826

Details

The XYZ color **27.5329, 27.2050, 75.0341** 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 **47.4192, 45.8573, 15.8049**, and the grayscale version is **23.3353, 24.5506, 26.7356**.

A 20% lighter version of the original color is **50.1844, 53.0894, 102.2100**, and **11.0883, 10.6997, 39.0170** is the 20% darker color. If you saturate the color by 10%, you get **23.7795, 22.4276, 74.3104**, and if you desaturate by 10%, it is **32.1944, 32.8170, 75.8722**.

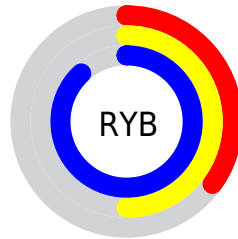
Distribution



Red (35%)

Green (56%)

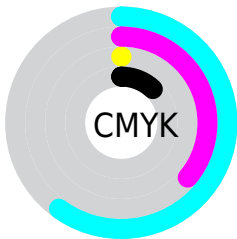
Blue (88%)



Red (35%)

Yellow (50%)

Blue (88%)

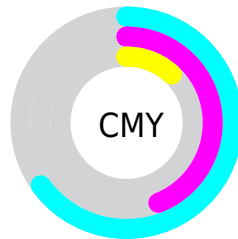


Cyan (60%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (44%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5329, 27.2050, 75.0341 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 27.5329, 27.2050, 75.0341 by changing the saturation by 10% instead.

■ 27.5329, 27.2050,
75.0341

■ 27.5329, 27.2050,
75.0341

282.3489,
288.6483, 497.2933

■ 18.1125, 17.7272,
55.1389

■ 55.1517, 55.2127,
128.1082

■ 11.1310, 10.7543,
39.1136

■ 74.0808, 74.5113,
162.1242

■ 6.2229, 5.9019,
26.5396

■ 96.9102, 97.8525,
201.6842

■ 3.0231, 2.7855,
16.9984

■ 124.0052,
125.6204, 247.2067

■ 1.1660, 1.0208,
10.0714

155.7313,
158.1996, 299.1104

■ 0.0792, 0.0000,
5.3401

192.4537,

■ 0.0000, 0.0000,

195.9743, 357.8137

2.3860

234.5377,
239.3291, 423.7351

■ 0.0000, 0.0000,
0.7788

■ 0.0000, 0.0000,
0.0000

■ 27.5329, 27.2050,
75.0341

■ 27.5329, 27.2050,
75.0341

■ 23.7795, 22.4276,
74.3104

■ 32.1944, 32.8170,
75.8722

■ 20.8599, 18.4323,
73.6931

■ 37.8235, 39.3054,
76.8279

■ 18.6919, 15.1634,
73.1764

■ 44.4781, 46.7122,
77.9068

■ 17.1909, 12.6367,
72.7678

■ 52.2102, 55.0755,
79.1136

■ 61.0682, 64.4310,
80.4525

■ 71.0975, 74.8125,
81.9277

■ 82.3406, 86.2520,
83.5432

■ 89.4954, 96.0257,
85.0526

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



21.8685, 27.2050, 71.4241



27.5329, 27.2050, 75.0341



33.5737, 27.2050, 63.3050

Triad

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



27.5329, 27.2050, 75.0341



35.8660, 27.2050, 13.6623



16.6555, 27.2050, 19.1184

Complementary

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



27.5329, 27.2050, 75.0341



47.4192, 45.8573, 15.8049

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.



19.4247, 27.2050, 10.6881



27.5329, 27.2050, 75.0341



30.3043, 27.2050, 8.4795

Square

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



27.5329, 27.2050, 75.0341



38.8426, 27.2050, 25.1676



24.2516, 27.2050, 7.6503



16.1465, 27.2050, 34.5724

Rectangle

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



27.5329, 27.2050, 75.0341



36.8044, 27.2050, 50.2883



24.2516, 27.2050, 7.6503



17.3300, 27.2050, 15.5712

Sweetspot

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



27.5340, 27.2059, 75.0348



71.9306, 75.9055, 105.4678



38.3589, 58.9002, 47.6773



14.6978, 15.5024, 22.4675



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.



27.5340, 27.2059, 75.0348



30.2798, 28.0521, 98.4264



22.7122, 15.4426, 73.0184



13.3963, 14.1318, 17.4093



10.0128, 7.4952, 41.9674



0.7797, 0.6909, 2.9375

Inverse Universe

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



39.5826, 25.1369, 28.7529



48.2985, 27.4737, 28.6480



55.7080, 68.4805, 19.7347



13.9315, 13.7902, 15.4096



18.9942, 9.6647, 6.6353



1.3598, 0.6872, 0.6877

Previews

White Background



This preview shows how the XYZ color 27.5329, 27.2050, 75.0341 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 27.5329, 27.2050, 75.0341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

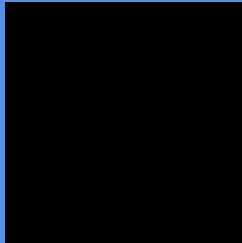
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

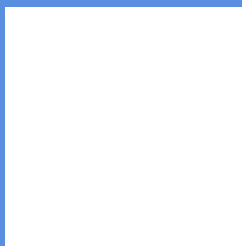
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5329, 27.2050, 75.0341

Background



This preview shows how black text looks on a background with the XYZ color 27.5329, 27.2050, 75.0341.



This preview shows how white text looks on a background with the XYZ color 27.5329, 27.2050,

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

27.5329, 27.2050, 75.0341

Protanopia

28.8393, 27.0652, 72.1107

Deuteranopia

27.9829, 27.2151, 75.0124



Tritanopia

20.7463, 27.2895, 40.7332

Trichromacy



Original Color

27.5329, 27.2050, 75.0341

Protanomaly

28.1564, 26.9137, 72.8181

Deuteranomaly

27.7778, 27.1094, 75.0028

Tritanomaly

22.8162, 27.1418, 51.6133

Monochromacy



Original Color

27.5329, 27.2050, 75.0341

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9083, 25.2143, 40.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5329, 27.2050, 75.0341 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(89, 143, 225)` looks like.

```
.text, #text, p{  
    color:rgb(89, 143, 225)  
}
```

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(89, 143, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 143, 225) }
```

Border

The CSS property to change the border of an element to XYZ 27.5329, 27.2050, 75.0341 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(89, 143, 225) }
```


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

```
.border{ border-color:rgb(89, 143, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 143, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 143, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 143, 225);  
box-shadow:4px 4px 4px 4px rgb(89, 143,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5329, 27.2050, 75.0341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 143, 225) }
```

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

```
.background{ background-color: rgb(89, 143,  
225) }
```

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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