

Converting Colors

XYZ(29.3889, 26.6063, 85.2506)

Have a look what the booklet for
XYZ(29.3889, 26.6063, 85.2506)
contains.

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Color

**XYZ(29.4554, 26.6647,
85.2557)**

Conversions

Conversions Part 1

Format	Color
Hex	6189EF
RGB	97, 137, 239
RGB Percent	38%, 54%, 94%
CMY	0.6196, 0.4627, 0.0627
CMYK	0.59, 0.43, 0.00, 0.06
HSL	223°, 82%, 66%
HSV	223°, 59%, 94%
XYZ	29.4554, 26.6647, 85.2557
YIQ	136.6680, -56.5820, 23.2420

Conversions

Conversions Part 2

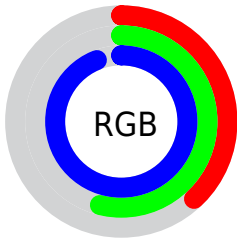
Format	Color
R _Y B	97, 128, 239
Decimal	6392303
CIE Lab	58.66, 16.54, -55.61
CIE LCh	59, 58.018, 286.562
Yxy	26.6647, 0.2083, 0.1886
Android (android.graphics.Color)	4284582383 (0xFF6189EF)
YUV	136.6680, 50.4497, -34.7888
Hunter-Lab	51.6379, 11.4541, -61.7431

Details

The XYZ color **29.4554, 26.6647, 85.2557** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **58.1798, 60.0639, 19.8381**, and the grayscale version is **23.4850, 24.7081, 26.9071**.

A 20% lighter version of the original color is **50.3681, 51.2150, 101.8385**, and **12.1644, 10.4760, 45.6369** is the 20% darker color. If you saturate the color by 10%, you get **25.0323, 21.0455, 84.4048**, and if you desaturate by 10%, it is **35.0359, 33.4576, 86.2733**.

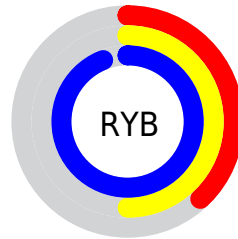
Distribution



Red (38%)

Green (54%)

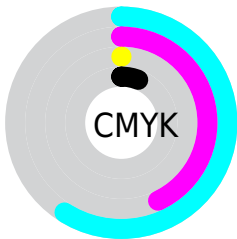
Blue (94%)



Red (38%)

Yellow (50%)

Blue (94%)

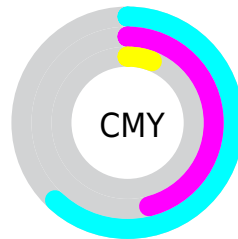


Cyan (59%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (62%)

Magenta (46%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4554, 26.6647, 85.2557 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 29.4554, 26.6647, 85.2557 by changing the saturation by 10% instead.

■ 29.4554, 26.6647,
85.2557

■ 29.4554, 26.6647,
85.2557

291.3132,
286.0300, 532.6404

■ 19.5716, 17.3216,
63.5013

■ 58.1924, 54.3453,
142.6077

■ 12.1905, 10.4640,
45.8033

■ 77.7763, 73.4516,
179.0424

■ 6.9467, 5.7077,
31.7431

■ 101.3244, 96.5811,
221.2076

■ 3.4748, 2.6682,
20.9021

■ 129.2018,
124.1182, 269.5219

■ 1.4095, 0.9611,
12.8619

161.7741,
156.4472, 324.4038

■ 0.2630, 0.0000,
7.2039

199.4065,

■ 0.0000, 0.0000,

193.9526, 386.2718

3.5096

242.4644,
237.0187, 455.5445

■ 0.0000, 0.0000,
1.3604

■ 0.0000, 0.0000,
0.1105

■ 29.4554, 26.6647,
85.2557

■ 29.4554, 26.6647,
85.2557

■ 25.0323, 21.0455,
84.4048

■ 35.0359, 33.4576,
86.2733

■ 21.6737, 16.5241,
83.7091

■ 41.8501, 41.4880,
87.4642

■ 19.2763, 13.0181,
83.1587

■ 49.9712, 50.8179,
88.8370

■ 17.6847, 10.4152,
82.7402

■ 59.4656, 61.5041,
90.3993

■ 17.6062, 10.2842,
82.7190

■ 70.3950, 73.5999,
92.1579

■ 82.8173, 87.1556,
94.1197

■ 92.5801, 99.0120,
95.8937

Harmonies

Analogous

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



22.2902, 26.6647, 86.3965



29.4554, 26.6647, 85.2557



36.6565, 26.6647, 65.2524

Triad

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



29.4554, 26.6647, 85.2557



35.9849, 26.6647, 8.8398



14.2133, 26.6647, 20.8327

Complementary

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



29.4554, 26.6647, 85.2557



58.1798, 60.0639, 19.8381

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.



16.6372, 26.6647, 9.5425



29.4554, 26.6647, 85.2557



28.6647, 26.6647, 5.1437

Square

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



29.4554, 26.6647, 85.2557



40.8833, 26.6647, 19.2195



21.6342, 26.6647, 5.3204



14.3453, 26.6647, 41.7223

Rectangle

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



29.4554, 26.6647, 85.2557



40.1148, 26.6647, 47.6139



21.6342, 26.6647, 5.3204



14.7335, 26.6647, 16.0510

Sweetspot

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



29.4565, 26.6656, 85.2564



70.5016, 73.0475, 104.9915



46.0793, 68.3880, 64.6640



14.3527, 14.8121, 22.3525



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.



29.4565, 26.6656, 85.2564



28.1969, 23.3272, 97.6242



28.7234, 19.3543, 83.8838



15.2597, 15.9536, 19.9967



9.8251, 5.8744, 45.7439



0.8986, 0.6512, 3.8326

Inverse Universe

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



44.3877, 28.7078, 26.8691



47.3836, 27.6301, 22.2194



59.1034, 76.0407, 22.8733



15.9558, 15.8320, 17.3234



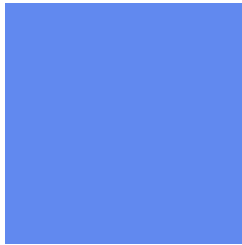
20.2849, 10.3864, 4.1507



1.7285, 0.8805, 0.5613

Previews

White Background



This preview shows how the XYZ color 29.4554, 26.6647, 85.2557 looks on a white background.

Color Contrast Check

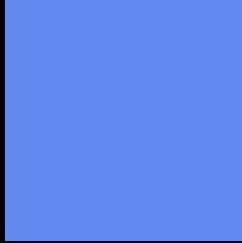
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4554, 26.6647, 85.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

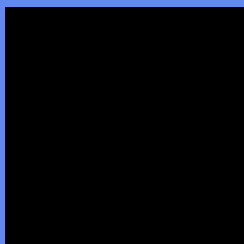
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

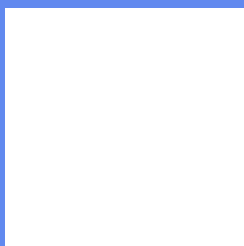
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4554, 26.6647, 85.2557

Background



This preview shows how black text looks on a background with the XYZ color 29.4554, 26.6647, 85.2557.



This preview shows how white text looks on a background with the XYZ color 29.4554, 26.6647,

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

29.4554, 26.6647, 85.2557

Protanopia

29.4554, 26.6647, 85.2557

Deuteranopia

27.7042, 26.8586, 84.6130



Tritanopia

20.4541, 26.6595, 40.1441

Trichromacy



Original Color

29.4554, 26.6647, 85.2557

Protanomaly

29.4554, 26.6647, 85.2557

Deuteranomaly

28.1190, 26.6347, 84.5479

Tritanomaly

23.1199, 26.2955, 54.3091

Monochromacy



Original Color

29.4554, 26.6647, 85.2557

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6117, 25.0849, 43.5891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4554, 26.6647, 85.2557 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(97, 137, 239)` looks like.

```
.text, #text, p{  
  color:rgb(97, 137, 239)  
}
```

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(97, 137, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 239) }
```

Border

The CSS property to change the border of an element to XYZ 29.4554, 26.6647, 85.2557 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(97, 137, 239) }
```


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

```
.border{ border-color:rgb(97, 137, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 137, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 137, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 137, 239);  
box-shadow:4px 4px 4px 4px rgb(97, 137,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4554, 26.6647, 85.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 137, 239) }
```

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

```
.background{ background-color: rgb(97, 137,  
239) }
```

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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