

Converting Colors

XYZ(27.3585, 26.3500, 85.0722)

Have a look what the booklet for
XYZ(27.3585, 26.3500, 85.0722)
contains.

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Color

**XYZ(27.4888, 26.5107,
85.3296)**

Conversions

Conversions Part 1

Format	Color
Hex	448DEF
RGB	68, 141, 239
RGB Percent	27%, 55%, 94%
CMY	0.7333, 0.4471, 0.0627
CMYK	0.72, 0.41, 0.00, 0.06
HSL	214°, 84%, 60%
HSV	214°, 72%, 94%
XYZ	27.4888, 26.5107, 85.3296
YIQ	130.3450, -74.9660, 15.0020

Conversions

Conversions Part 2

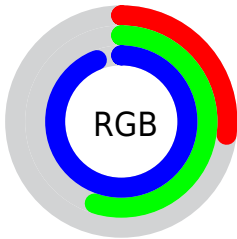
Format	Color
R _Y B	68, 119, 239
Decimal	4492783
CIE Lab	58.52, 9.45, -55.91
CIE LCh	59, 56.706, 279.598
Yxy	26.5107, 0.1973, 0.1903
Android (android.graphics.Color)	4282682863 (0xFF448DEF)
YUV	130.3450, 53.5669, -54.6766
Hunter-Lab	51.4885, 5.1930, -62.2166

Details

The XYZ color **27.4888, 26.5107, 85.3296** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **50.2790, 46.0451, 11.7084**, and the grayscale version is **21.1770, 22.2798, 24.2627**.

A 20% lighter version of the original color is **47.3335, 50.9545, 101.9482**, and **12.2706, 11.0317, 45.7386** is the 20% darker color. If you saturate the color by 10%, you get **24.2522, 22.0272, 84.6354**, and if you desaturate by 10%, it is **31.6563, 31.8455, 86.1403**.

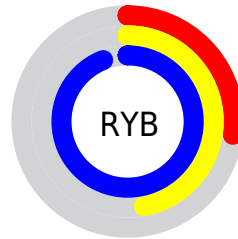
Distribution



Red (27%)

Green (55%)

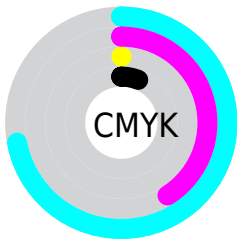
Blue (94%)



Red (27%)

Yellow (47%)

Blue (94%)

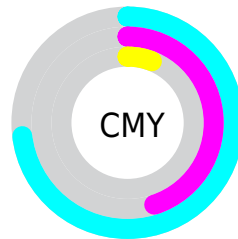


Cyan (72%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (73%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4888, 26.5107, 85.3296 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 27.4888, 26.5107, 85.3296 by changing the saturation by 10% instead.

■ 27.4888, 26.5107,
85.3296

■ 27.4888, 26.5107,
85.3296

282.1407,
285.2801, 532.8911

■ 18.0791, 17.2061,
63.5620

■ 55.0816, 54.0977,
142.7118

■ 11.1069, 10.3815,
45.8521

■ 73.9955, 73.1489,
179.1636

■ 6.2066, 5.6527,
31.7813

■ 96.8081, 96.2177,
221.3472

■ 3.0129, 2.6350,
20.9311

■ 123.8849,
123.6885, 269.6811

■ 1.1606, 0.9443,
12.8829

155.5912,
155.9458, 324.5839

■ 0.0749, 0.0000,
7.2182

192.2924,

■ 0.0000, 0.0000,

193.3739, 386.4741

3.5184

234.3537,
236.3572, 455.7703

■ 0.0000, 0.0000,
1.3650

■ 0.0000, 0.0000,
0.1142

■ 27.4888, 26.5107,
85.3296

■ 27.4888, 26.5107,
85.3296

■ 24.2522, 22.0272,
84.6354

■ 31.6563, 31.8455,
86.1403

■ 21.8458, 18.3288,
84.0483

■ 36.8337, 38.0843,
87.0716

■ 20.3335, 15.7389,
83.6281

■ 43.0944, 45.2774,
88.1300

■ 50.5034, 53.4700,
89.3209

■ 59.1204, 62.7039,
90.6490

■ 69.0007, 73.0184,
92.1192

■ 80.1959, 84.4505,
93.7357

■ 91.1878, 96.2274,
95.4296

■ 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.



20.8257, 26.5107, 81.5502



27.4888, 26.5107, 85.3296



34.6969, 26.5107, 69.4667

Triad

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



27.4888, 26.5107, 85.3296



36.9430, 26.5107, 10.7150



14.6450, 26.5107, 17.4866

Complementary

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



27.4888, 26.5107, 85.3296



50.2790, 46.0451, 11.7084

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.



17.6127, 26.5107, 8.2956



27.4888, 26.5107, 85.3296



30.1422, 26.5107, 5.8185

Square

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



27.4888, 26.5107, 85.3296



40.7796, 26.5107, 22.9507



23.0374, 26.5107, 5.2013



14.1967, 26.5107, 35.7184

Rectangle

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



27.4888, 26.5107, 85.3296



38.5495, 26.5107, 52.8496



23.0374, 26.5107, 5.2013



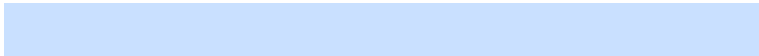
15.3510, 26.5107, 13.5221

Sweetspot

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



27.4899, 26.5115, 85.3303



68.9972, 73.1773, 105.0958



40.0344, 65.6760, 46.1190



14.1413, 14.9986, 22.3996



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.



27.4899, 26.5115, 85.3303



26.6585, 23.3724, 97.7140



20.9068, 12.0477, 82.8855



15.4520, 16.3381, 20.0608



11.3608, 8.9458, 46.2558



1.0418, 0.9376, 3.8803

Inverse Universe

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



42.4725, 24.4097, 27.6728



45.8450, 24.0969, 23.1124



63.7791, 78.5798, 17.2767



16.0528, 15.8708, 17.8345



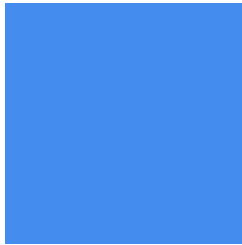
21.0600, 10.6964, 8.2325



1.8008, 0.9094, 0.9419

Previews

White Background



This preview shows how the XYZ color 27.4888, 26.5107, 85.3296 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 27.4888, 26.5107, 85.3296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

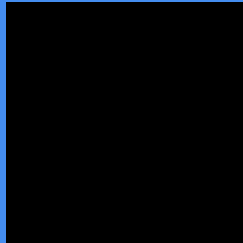
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

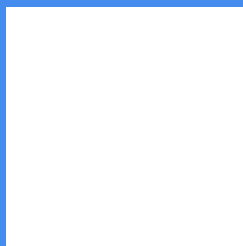
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4888, 26.5107, 85.3296

Background



This preview shows how black text looks on a background with the XYZ color 27.4888, 26.5107, 85.3296.



This preview shows how white text looks on a background with the XYZ color 27.4888, 26.5107,

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

27.4888, 26.5107, 85.3296

Protanopia

29.0866, 26.5421, 82.1874

Deuteranopia

27.3516, 26.4400, 85.3232



Tritanopia

18.7892, 26.2698, 41.1261

Trichromacy



Original Color

27.4888, 26.5107, 85.3296

Protanomaly

28.2533, 26.3078, 82.9457

Deuteranomaly

27.4196, 26.4750, 85.3264

Tritanomaly

21.0449, 25.9144, 54.9317

Monochromacy



Original Color

27.4888, 26.5107, 85.3296

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8442, 23.0783, 41.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4888, 26.5107, 85.3296 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(68, 141, 239)` looks like.

```
.text, #text, p{  
  color:rgb(68, 141, 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(68, 141, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 141, 239) }
```

Border

The CSS property to change the border of an element to XYZ 27.4888, 26.5107, 85.3296 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(68, 141, 239) }
```


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

```
.border{ border-color:rgb(68, 141, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 141, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 141, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 141, 239);  
box-shadow:4px 4px 4px 4px rgb(68, 141,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4888, 26.5107, 85.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 141, 239) }
```

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

```
.background{ background-color: rgb(68, 141,  
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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