

Converting Colors

XYZ(27.0634, 26.8075, 78.8915)

Have a look what the booklet for
XYZ(27.0634, 26.8075, 78.8915)
contains.

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Color

**XYZ(27.0859, 26.8946,
78.6265)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8FE6
RGB	76, 143, 230
RGB Percent	30%, 56%, 90%
CMY	0.7019, 0.4392, 0.0980
CMYK	0.67, 0.38, 0.00, 0.10
HSL	214°, 75%, 60%
HSV	214°, 67%, 90%
XYZ	27.0859, 26.8946, 78.6265
YIQ	132.8850, -67.8590, 12.8530

Conversions

Conversions Part 2

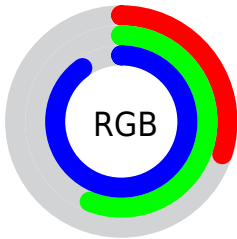
Format	Color
R_{YB}	76, 123, 230
Decimal	5017574
CIE _{Lab}	58.88, 6.29, -50.33
CIE _{LCh}	59, 50.725, 277.121
Yxy	26.8946, 0.2043, 0.2028
Android (android.graphics.Color)	4283207654 (0xFF4C8FE6)
YUV	132.8850, 47.8777, -49.8881
Hunter-Lab	51.8600, 2.4735, -53.5893

Details

The XYZ color **27.0859, 26.8946, 78.6265** 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 **47.0370, 43.5426, 12.7646**, and the grayscale version is **22.1030, 23.2541, 25.3237**.

A 20% lighter version of the original color is **48.4374, 52.1888, 102.1283**, and **11.5543, 10.8847, 41.5364** is the 20% darker color. If you saturate the color by 10%, you get **23.7353, 22.4376, 77.9434**, and if you desaturate by 10%, it is **31.3174, 32.1419, 79.4169**.

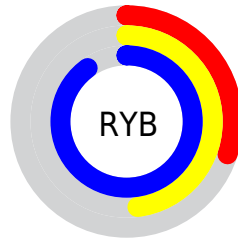
Distribution



Red (30%)

Green (56%)

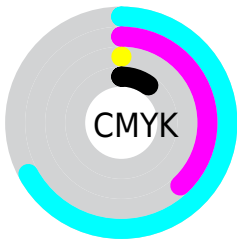
Blue (90%)



Red (30%)

Yellow (48%)

Blue (90%)

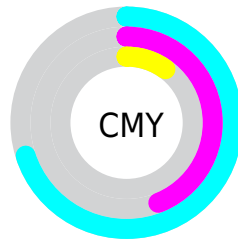


Cyan (67%)

Magenta (38%)

Yellow (0%)

Black (10%)



Cyan (70%)

Magenta (44%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0859, 26.8946, 78.6265 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 27.0859, 26.8946, 78.6265 by changing the saturation by 10% instead.

■ 27.0859, 26.8946,
78.6265

■ 27.0859, 26.8946,
78.6265

280.2328,
287.1464, 509.8761

■ 17.7747, 17.4941,
58.0693

■ 54.4406, 54.7147,
133.2268

■ 10.8870, 10.5874,
41.4493

■ 73.2148, 73.9030,
168.1070

■ 6.0577, 5.7901,
28.3480

■ 95.8740, 97.1228,
208.5985

■ 2.9212, 2.7179,
18.3468

■ 122.7835,
124.7584, 255.1200

■ 1.1122, 0.9863,
11.0272

154.3089,
157.1941, 308.0900

■ 0.0353, 0.0000,
5.9708

190.8153,

■ 0.0000, 0.0000,

194.8144, 367.9269

2.7588

232.6681,
238.0037, 435.0495

■ 0.0000, 0.0000,
0.9728

■ 0.0000, 0.0000,
0.0000

■ 27.0859, 26.8946,
78.6265

■ 27.0859, 26.8946,
78.6265

■ 23.7353, 22.4376,
77.9434

■ 31.3174, 32.1419,
79.4169

■ 21.1816, 18.7150,
77.3595

■ 36.4965, 38.2237,
80.3178

■ 19.3230, 15.6629,
76.8683

■ 42.6865, 45.1832,
81.3349

■ 18.8459, 14.8389,
76.7344

■ 49.9438, 53.0596,
82.4727

■ 58.3205, 61.8892,
83.7355

■ 67.8651, 71.7061,
85.1273

■ 78.6231, 82.5428,
86.6519

■ 88.7700, 93.4672,
88.2258

■ 91.2830, 98.4932,
89.0634

Harmonies

Analogous

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



21.1570, 26.8946, 73.9889



27.0859, 26.8946, 78.6265



33.5482, 26.8946, 66.3316

Triad

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



27.0859, 26.8946, 78.6265



36.4278, 26.8946, 13.0011



15.9882, 26.8946, 17.8089

Complementary

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



27.0859, 26.8946, 78.6265



47.0370, 43.5426, 12.7646

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.



18.9567, 26.8946, 9.4824



27.0859, 26.8946, 78.6265



30.5407, 26.8946, 7.6044

Square

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



27.0859, 26.8946, 78.6265



39.4847, 26.8946, 25.2097



24.0973, 26.8946, 6.6503



15.3708, 26.8946, 33.7744

Rectangle

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



27.0859, 26.8946, 78.6265



37.0796, 26.8946, 52.3042



24.0973, 26.8946, 6.6503



16.7175, 26.8946, 14.2575

Sweetspot

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



27.0870, 26.8955, 78.6272



70.1991, 74.5518, 105.2978



37.6853, 60.6938, 43.3107



14.3814, 15.2790, 22.4411



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.



27.0870, 26.8955, 78.6272



28.7565, 26.6063, 98.2276



20.4983, 12.7548, 76.2450



14.0960, 14.9135, 18.2800



10.7861, 8.6342, 43.4813



0.8880, 0.8200, 3.2434

Inverse Universe

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



40.1765, 23.9765, 28.4976



47.1389, 25.5137, 27.1536



59.8184, 72.6932, 17.7176



14.6361, 14.4716, 16.2839



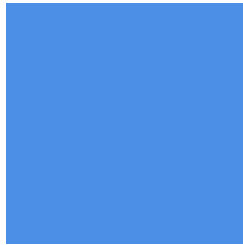
19.8378, 10.0693, 8.0409



1.5119, 0.7625, 0.8360

Previews

White Background



This preview shows how the XYZ color 27.0859, 26.8946, 78.6265 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 27.0859, 26.8946, 78.6265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

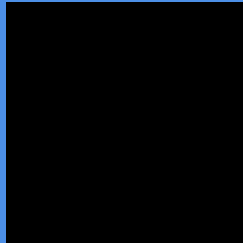
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

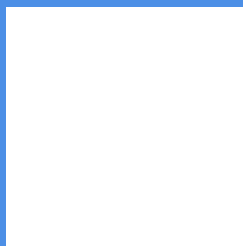
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0859, 26.8946, 78.6265

Background



This preview shows how black text looks on a background with the XYZ color 27.0859, 26.8946, 78.6265.



This preview shows how white text looks on a background with the XYZ color 27.0859, 26.8946,

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

27.0859, 26.8946, 78.6265

Protanopia

28.7425, 26.7390, 74.8804

Deuteranopia

27.7022, 26.9905, 78.6125



Tritanopia

19.6160, 26.9442, 41.2127

Trichromacy



Original Color

27.0859, 26.8946, 78.6265

Protanomaly

28.0671, 26.7890, 76.3645

Deuteranomaly

27.4356, 26.8530, 78.6000

Tritanomaly

21.7372, 26.5478, 53.2688

Monochromacy



Original Color

27.0859, 26.8946, 78.6265

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6956, 24.1632, 40.5136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0859, 26.8946, 78.6265 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(76, 143, 230)` looks like.

```
.text, #text, p{  
    color:rgb(76, 143, 230)  
}
```

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(76, 143, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 143, 230) }
```

Border

The CSS property to change the border of an element to XYZ 27.0859, 26.8946, 78.6265 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(76, 143, 230) }
```


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

```
.border{ border-color:rgb(76, 143, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 143, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 143, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 143, 230);  
box-shadow:4px 4px 4px 4px rgb(76, 143,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0859, 26.8946, 78.6265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 143, 230) }
```

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

```
.background{ background-color: rgb(76, 143,  
230) }
```

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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