

Converting Colors

XYZ(27.9094, 28.1527, 75.6802)

Have a look what the booklet for
XYZ(27.9094, 28.1527, 75.6802)
contains.

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Color

**XYZ(27.9368, 28.0750,
75.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	5792E2
RGB	87, 146, 226
RGB Percent	34%, 57%, 89%
CMY	0.6588, 0.4274, 0.1137
CMYK	0.62, 0.35, 0.00, 0.11
HSL	215°, 71%, 61%
HSV	215°, 62%, 89%
XYZ	27.9368, 28.0750, 75.8981
YIQ	137.4790, -60.8440, 12.3720

Conversions

Conversions Part 2

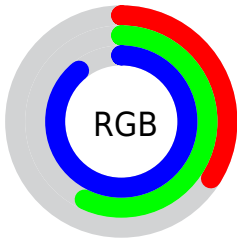
Format	Color
R_{YB}	87, 128, 226
Decimal	5739234
CIE _{Lab}	59.96, 5.04, -46.37
CIE _{LCh}	60, 46.646, 276.207
Yxy	28.0750, 0.2118, 0.2128
Android (android.graphics.Color)	4283929314 (0xFF5792E2)
YUV	137.4790, 43.6409, -44.2701
Hunter-Lab	52.9858, 1.3889, -47.8382

Details

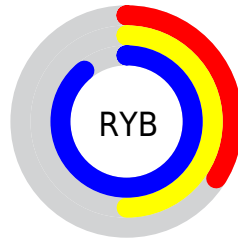
The XYZ color **27.9368, 28.0750, 75.8981** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **46.9047, 44.4967, 15.1349**, and the grayscale version is **23.8166, 25.0569, 27.2870**.

A 20% lighter version of the original color is **50.7369, 54.7316, 102.4979**, and **11.4386, 11.2680, 39.6023** is the 20% darker color. If you saturate the color by 10%, you get **24.2552, 23.3682, 75.1842**, and if you desaturate by 10%, it is **32.5090, 33.5804, 76.7204**.

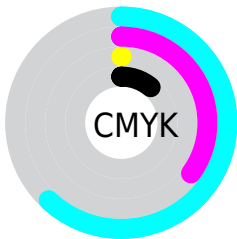
Distribution



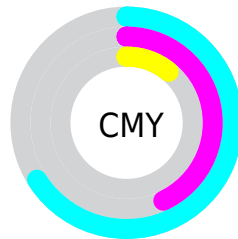
- Red (34%)
- Green (57%)
- Blue (89%)



- Red (34%)
- Yellow (50%)
- Blue (89%)



- Cyan (62%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9368, 28.0750, 75.8981 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 27.9368, 28.0750, 75.8981 by changing the saturation by 10% instead.

■ 27.9368, 28.0750,
75.8981

■ 27.9368, 28.0750,
75.8981

284.2504,
292.8251, 500.3363

■ 18.4182, 18.3822,
55.8428

■ 55.7929, 56.6042,
129.3416

■ 11.3522, 11.2247,
39.6738

■ 74.8611, 76.2093,
163.5669

■ 6.3733, 6.2182,
26.9724

■ 97.8432, 99.8874,
203.3526

■ 3.1162, 2.9782,
17.3203

■ 125.1047,
128.0227, 249.1173

■ 1.2155, 1.1204,
10.2987

157.0107,
160.9998, 301.2795

■ 0.1185, 0.0000,
5.4893

193.9268,

■ 0.0000, 0.0000,

199.2030, 360.2577

2.4734

236.2182,
243.0166, 426.4705

■ 0.0000, 0.0000,
0.8260

■ 0.0000, 0.0000,
0.0000

■ 27.9368, 28.0750,
75.8981

■ 27.9368, 28.0750,
75.8981

■ 24.2552, 23.3682,
75.1842

■ 32.5090, 33.5804,
76.7204

■ 21.3894, 19.4089,
74.5710

■ 38.0315, 39.9249,
77.6539

■ 19.2557, 16.1426,
74.0530

■ 44.5623, 47.1488,
78.7040

■ 17.9036, 13.8430,
73.6804

■ 52.1534, 55.2890,
79.8752

■ 60.8532, 64.3798,
81.1713

■ 70.7067, 74.4537,
82.5964

■ 81.7564, 85.5413,
84.1542

■ 89.1728, 95.1614,
85.6202

■ 90.7276, 98.2710,
86.1384

Harmonies

Analogous

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



22.3425, 28.0750, 71.2570



27.9368, 28.0750, 75.8981



34.0048, 28.0750, 65.2262

Triad

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



27.9368, 28.0750, 75.8981



36.9860, 28.0750, 15.0486



17.5496, 28.0750, 19.1940

Complementary

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



27.9368, 28.0750, 75.8981



46.9047, 44.4967, 15.1349

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.



20.4982, 28.0750, 11.0615



27.9368, 28.0750, 75.8981



31.5553, 28.0750, 9.3632

Square

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



27.9368, 28.0750, 75.8981



39.7050, 28.0750, 27.1712



25.4701, 28.0750, 8.2372



16.8759, 28.0750, 34.2386

Rectangle

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



27.9368, 28.0750, 75.8981



37.3297, 28.0750, 52.5735



25.4701, 28.0750, 8.2372



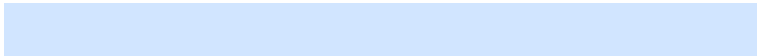
18.2838, 28.0750, 15.7626

Sweetspot

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



27.9379, 28.0759, 75.8988



72.2766, 76.5974, 105.5831



37.9896, 59.1645, 45.3836



14.7817, 15.6701, 22.4955



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.



27.9379, 28.0759, 75.8988



30.6565, 29.0676, 98.6026



21.9890, 14.8102, 73.6518



13.4279, 14.1949, 17.4198



10.3260, 8.1216, 42.0717



0.8031, 0.7376, 2.9453

Inverse Universe

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



39.9615, 25.0618, 29.9261



48.4247, 27.2791, 30.0676



57.4536, 69.7925, 19.4615



13.9474, 13.7966, 15.4934



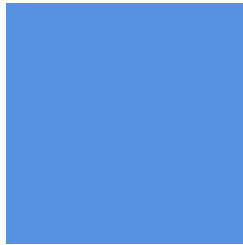
19.1523, 9.7279, 7.4677



1.3716, 0.6919, 0.7497

Previews

White Background



This preview shows how the XYZ color 27.9368, 28.0750, 75.8981 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 27.9368, 28.0750, 75.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

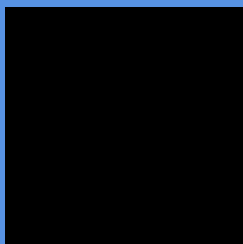
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

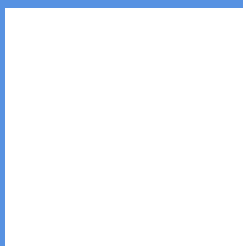
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9368, 28.0750, 75.8981

Background



This preview shows how black text looks on a background with the XYZ color 27.9368, 28.0750, 75.8981.

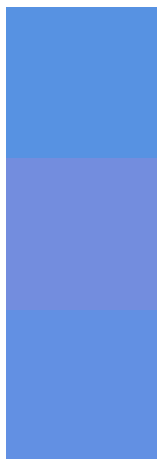


This preview shows how white text looks on a background with the XYZ color 27.9368, 28.0750,

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

27.9368, 28.0750, 75.8981

Protanopia

29.7799, 27.9685, 72.9361

Deuteranopia

28.8754, 28.0892, 76.5729



Tritanopia

21.1761, 27.9769, 42.3142

Trichromacy



Original Color

27.9368, 28.0750, 75.8981

Protanomaly

28.9674, 27.9759, 73.6852

Deuteranomaly

28.6066, 28.1765, 76.6039

Tritanomaly

23.2113, 27.8023, 52.8582

Monochromacy



Original Color

27.9368, 28.0750, 75.8981

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.1473, 25.5427, 41.1936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9368, 28.0750, 75.8981 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(87, 146, 226)` looks like.

```
.text, #text, p{  
    color:rgb(87, 146, 226)  
}
```

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(87, 146, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 146, 226) }
```

Border

The CSS property to change the border of an element to XYZ 27.9368, 28.0750, 75.8981 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(87, 146, 226) }
```


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

```
.border{ border-color:rgb(87, 146, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 146, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 146, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 146, 226);  
box-shadow:4px 4px 4px 4px rgb(87, 146,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9368, 28.0750, 75.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 146, 226) }
```

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

```
.background{ background-color: rgb(87, 146,  
226) }
```

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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