

Converting Colors

XYZ(26.7548, 27.8040, 76.5922)

Have a look what the booklet for
XYZ(26.7548, 27.8040, 76.5922)
contains.

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Color

**XYZ(26.8389, 27.9548,
76.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	4494E3
RGB	68, 148, 227
RGB Percent	27%, 58%, 89%
CMY	0.7333, 0.4196, 0.1098
CMYK	0.70, 0.35, 0.00, 0.11
HSL	210°, 74%, 58%
HSV	210°, 70%, 89%
XYZ	26.8389, 27.9548, 76.6543
YIQ	133.0860, -73.0390, 7.6090

Conversions

Conversions Part 2

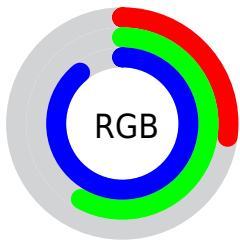
Format	Color
R _{YB}	68, 121, 227
Decimal	4494563
CIE Lab	59.85, 1.10, -47.15
CIE LCh	60, 47.160, 271.335
Yxy	27.9548, 0.2042, 0.2127
Android (android.graphics.Color)	4282684643 (0xFF4494E3)
YUV	133.0860, 46.2996, -57.0804
Hunter-Lab	52.8723, -1.9168, -48.9481

Details

The XYZ color **26.8389, 27.9548, 76.6543** 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 **43.1576, 37.6187, 10.4569**, and the grayscale version is **22.1828, 23.3381, 25.4152**.

A 20% lighter version of the original color is **48.8434, 54.4476, 102.5429**, and **11.7184, 11.6756, 40.1641** is the 20% darker color. If you saturate the color by 10%, you get **23.8674, 23.9236, 76.0334**, and if you desaturate by 10%, it is **30.5976, 32.6485, 77.3628**.

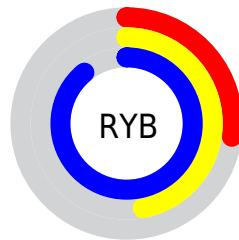
Distribution



Red (27%)

Green (58%)

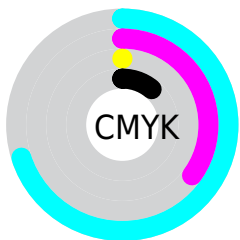
Blue (89%)



Red (27%)

Yellow (47%)

Blue (89%)

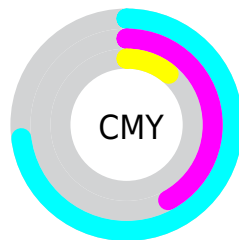


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8389, 27.9548, 76.6543 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 26.8389, 27.9548, 76.6543 by changing the saturation by 10% instead.

■ 26.8389, 27.9548,
76.6543

■ 26.8389, 27.9548,
76.6543

279.0580,
292.2509, 502.9909

■ 17.5882, 18.2916,
56.4593

■ 54.0470, 56.4123,
130.4199

■ 10.7527, 11.1595,
40.1648

■ 72.7351, 75.9753,
164.8277

■ 5.9668, 6.1742,
27.3523

■ 95.2997, 99.6071,
204.8100

■ 2.8654, 2.9513,
17.6032

■ 122.1062,
127.6920, 250.7856

■ 1.0830, 1.1064,
10.4990

153.5199,
160.6145, 303.1730

■ 0.0108, 0.0000,
5.6212

189.9062,

■ 0.0000, 0.0000,

198.7588, 362.3906

2.5511

231.6305,
242.5095, 428.8571

■ 0.0000, 0.0000,
0.8670

■ 0.0000, 0.0000,
0.0000

■ 26.8389, 27.9548,
76.6543

■ 26.8389, 27.9548,
76.6543

■ 23.8674, 23.9236,
76.0334

■ 30.5976, 32.6485,
77.3628

■ 21.5996, 20.5034,
75.4928

■ 35.2081, 38.0439,
78.1612

■ 19.9062, 17.6280,
75.0270

■ 40.7315, 44.1796,
79.0544

■ 47.2218, 51.0899,
80.0461

■ 54.7286, 58.8066,
81.1399

■ 63.2979, 67.3594,
82.3392

■ 72.9725, 76.7764,
83.6469

■ 83.7931, 87.0842,
85.0662

■ 89.1401, 94.8758,
86.2883

Harmonies

Analogous

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



21.4274, 27.9548, 69.4390



26.8389, 27.9548, 76.6543



33.0094, 27.9548, 68.1184

Triad

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



26.8389, 27.9548, 76.6543



37.6511, 27.9548, 16.3240



17.7043, 27.9548, 17.2167

Complementary

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



26.8389, 27.9548, 76.6543



43.1576, 37.6187, 10.4569

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.



21.0281, 27.9548, 10.0853



26.8389, 27.9548, 76.6543



32.4763, 27.9548, 9.7225

Square

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



26.8389, 27.9548, 76.6543



39.8027, 27.9548, 29.6775



26.3033, 27.9548, 7.9595



16.6531, 27.9548, 31.2114

Rectangle

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



26.8389, 27.9548, 76.6543



36.5972, 27.9548, 55.9953



26.3033, 27.9548, 7.9595



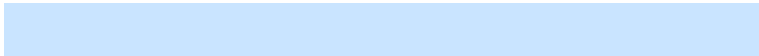
18.5655, 27.9548, 14.1516

Sweetspot

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



26.8400, 27.9557, 76.6550



70.1100, 75.4028, 105.4667



34.9536, 58.2078, 36.1226



14.4049, 15.5258, 22.4875



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.



26.8400, 27.9557, 76.6550



29.6358, 29.0460, 98.6522



18.4815, 11.2387, 73.8688



14.1791, 15.0795, 18.3077



11.7261, 10.5143, 43.7946



0.9594, 0.9628, 3.2672

Inverse Universe

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



39.0919, 22.6046, 30.3204



47.4165, 24.9883, 30.5777



59.4726, 70.2487, 15.8952



14.6780, 14.4884, 16.5046



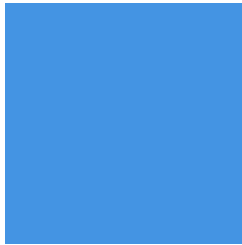
20.3123, 10.2591, 10.5395



1.5479, 0.7769, 1.0258

Previews

White Background



This preview shows how the XYZ color 26.8389, 27.9548, 76.6543 looks on a white background.

Color Contrast Check

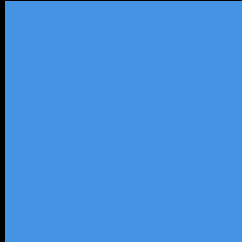
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8389, 27.9548, 76.6543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

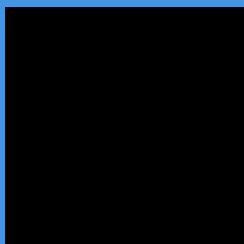
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

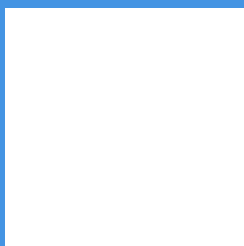
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8389, 27.9548, 76.6543

Background



This preview shows how black text looks on a background with the XYZ color 26.8389, 27.9548, 76.6543.



This preview shows how white text looks on a background with the XYZ color 26.8389, 27.9548,

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

26.8389, 27.9548, 76.6543

Protanopia

29.6463, 27.9150, 72.2322

Deuteranopia

28.6962, 27.9809, 77.2872



Tritanopia

20.0940, 27.9034, 43.3566

Trichromacy



Original Color

26.8389, 27.9548, 76.6543

Protanomaly

28.3295, 27.8709, 73.6985

Deuteranomaly

27.8753, 27.7835, 77.2924

Tritanomaly

21.9633, 27.6235, 54.0435

Monochromacy



Original Color

26.8389, 27.9548, 76.6543

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.3702, 24.2182, 40.0548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8389, 27.9548, 76.6543 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, 148, 227)` looks like.

```
.text, #text, p{  
    color:rgb(68, 148, 227)  
}
```

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, 148, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 148, 227) }
```

Border

The CSS property to change the border of an element to XYZ 26.8389, 27.9548, 76.6543 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, 148, 227) }
```


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

```
.border{ border-color:rgb(68, 148, 227) }
```

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

Here you see how a box with a 4 pixel rgb(68, 148, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 148, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 148, 227);  
box-shadow:4px 4px 4px 4px rgb(68, 148,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8389, 27.9548, 76.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 148, 227) }
```

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

```
.background{ background-color: rgb(68, 148,  
227) }
```

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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