

Converting Colors

XYZ(26.9084, 28.7142, 76.0757)

Have a look what the booklet for
XYZ(26.9084, 28.7142, 76.0757)
contains.

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Color

**XYZ(26.9084, 28.7142,
76.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	4097E2
RGB	64, 151, 226
RGB Percent	25%, 59%, 89%
CMY	0.7490, 0.4078, 0.1137
CMYK	0.72, 0.33, 0.00, 0.11
HSL	208°, 74%, 57%
HSV	208°, 72%, 89%
XYZ	26.9084, 28.7142, 76.0757
YIQ	133.5370, -75.9270, 4.8810

Conversions

Conversions Part 2

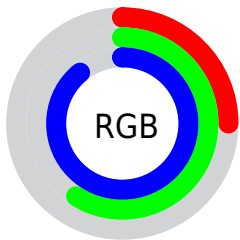
Format	Color
R _{YB}	64, 121, 226
Decimal	4233186
CIE Lab	60.53, -1.55, -45.52
CIE LCh	61, 45.551, 268.047
Yxy	28.7142, 0.2043, 0.2180
Android (android.graphics.Color)	4282423266 (0xFF4097E2)
YUV	133.5370, 45.5843, -60.9839
Hunter-Lab	53.5856, -4.1398, -46.6643

Details

The XYZ color **26.9084, 28.7142, 76.0757** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.5240, 35.0071, 9.4205**, and the grayscale version is **22.3502, 23.5141, 25.6069**.

A 20% lighter version of the original color is **49.0872, 55.6285, 102.7579**, and **11.9094, 12.2096, 39.7592** is the 20% darker color. If you saturate the color by 10%, you get **24.1154, 24.8848, 75.4844**, and if you desaturate by 10%, it is **30.4481, 33.1512, 76.7462**.

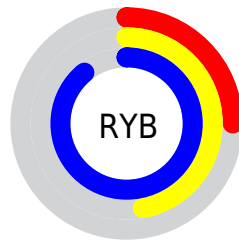
Distribution



Red (25%)

Green (59%)

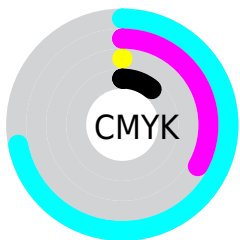
Blue (89%)



Red (25%)

Yellow (47%)

Blue (89%)

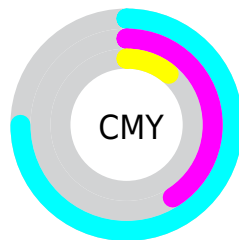


Cyan (72%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (75%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9084, 28.7142, 76.0757 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 26.9084, 28.7142, 76.0757 by changing the saturation by 10% instead.

■ 26.9084, 28.7142,
76.0757

■ 26.9084, 28.7142,
76.0757

279.3890,
295.8641, 500.9605

■ 17.6407, 18.8647,
55.9876

■ 54.1578, 57.6227,
129.5950

■ 10.7904, 11.5726,
39.7890

■ 72.8701, 77.4505,
163.8632

■ 5.9923, 6.4533,
27.0615

■ 95.4614, 101.3732,
203.6952

■ 2.8810, 3.1227,
17.3866

■ 122.2969,
129.7752, 249.5095

■ 1.0912, 1.1961,
10.3456

■ 153.7421,
163.0409, 301.7246

■ 0.0177, 0.0585,
5.5201

190.1623,

■ 0.0000, 0.0000,

201.5547, 360.7591

2.4915

231.9228,
245.7009, 427.0316

■ 0.0000, 0.0000,
0.8357

■ 0.0000, 0.0000,
0.0000

■ 26.9084, 28.7142,
76.0757

■ 26.9084, 28.7142,
76.0757

■ 24.1154, 24.8848,
75.4844

■ 30.4481, 33.1512,
76.7462

■ 21.9850, 21.6128,
74.9651

■ 34.7991, 38.2335,
77.4978

■ 20.6095, 19.2549,
74.5825

■ 40.0221, 43.9981,
78.3352

■ 46.1704, 50.4776,
79.2618

■ 53.2929, 57.7022,
80.2809

■ 61.4347, 65.7000,
81.3956

■ 70.6382, 74.4976,
82.6086

■ 80.9431, 84.1200,
83.9228

■ 87.6724, 92.1606,
85.1201

Harmonies

Analogous

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



21.7350, 28.7142, 67.5720



26.9084, 28.7142, 76.0757



32.9607, 28.7142, 69.4339

Triad

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



26.9084, 28.7142, 76.0757



38.5360, 28.7142, 18.3777



18.7790, 28.7142, 17.0686

Complementary

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



26.9084, 28.7142, 76.0757



41.5240, 35.0071, 9.4205

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.



22.3136, 28.7142, 10.5101



26.9084, 28.7142, 76.0757



33.7235, 28.7142, 11.0528

Square

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



26.9084, 28.7142, 76.0757



40.2228, 28.7142, 32.3817



27.6792, 28.7142, 8.7849



17.4801, 28.7142, 30.1741

Rectangle

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



26.9084, 28.7142, 76.0757



36.5933, 28.7142, 58.2921



27.6792, 28.7142, 8.7849



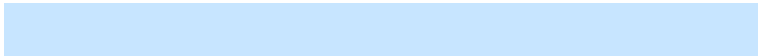
19.7176, 28.7142, 14.2295

Sweetspot

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



26.9095, 28.7152, 76.0764



69.6033, 75.4018, 105.4933



33.8202, 57.2870, 32.9065



14.3265, 15.5655, 22.4993



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.



26.9095, 28.7152, 76.0764



30.2350, 30.5255, 98.9062



18.1671, 11.2303, 73.1623



13.5586, 14.4564, 17.4634



11.8778, 11.2251, 42.5890



0.9126, 0.9567, 2.9818

Inverse Universe

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



38.7843, 22.0713, 31.4949



47.6503, 24.8191, 32.6190



57.3358, 66.6308, 14.6911



14.0134, 13.8230, 15.8409



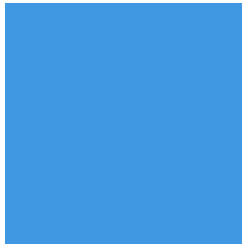
19.9355, 10.0412, 11.5923



1.4269, 0.7140, 1.0410

Previews

White Background



This preview shows how the XYZ color 26.9084, 28.7142, 76.0757 looks on a white background.

Color Contrast Check

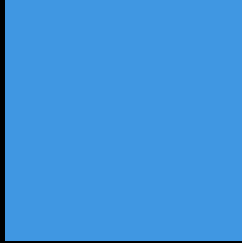
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9084, 28.7142, 76.0757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

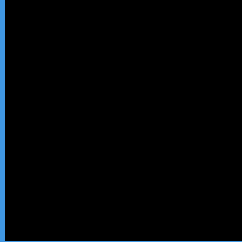
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9084, 28.7142, 76.0757

Background



This preview shows how black text looks on a background with the XYZ color 26.9084, 28.7142, 76.0757.

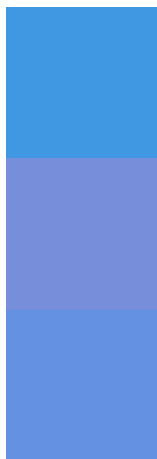


This preview shows how white text looks on a background with the XYZ color 26.9084, 28.7142,

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

26.9084, 28.7142, 76.0757

Protanopia

30.0669, 28.3824, 70.9115

Deuteranopia

29.3574, 28.5636, 76.6391



Tritanopia

20.3849, 28.5457, 44.4799

Trichromacy



Original Color

26.9084, 28.7142, 76.0757

Protanomaly

28.4558, 28.1774, 73.0462

Deuteranomaly

28.3233, 28.4882, 76.6790

Tritanomaly

22.0360, 28.1464, 54.7234

Monochromacy



Original Color

26.9084, 28.7142, 76.0757

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6598, 24.7974, 40.1513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9084, 28.7142, 76.0757 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(64, 151, 226)` looks like.

```
.text, #text, p{  
    color:rgb(64, 151, 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(64, 151, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 151, 226) }
```

Border

The CSS property to change the border of an element to XYZ 26.9084, 28.7142, 76.0757 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(64, 151, 226) }
```


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

```
.border{ border-color:rgb(64, 151, 226) }
```

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

Here you see how a box with a 4 pixel rgb(64, 151, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 151, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 151, 226);  
box-shadow:4px 4px 4px 4px rgb(64, 151,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9084, 28.7142, 76.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 151, 226) }
```

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

```
.background{ background-color: rgb(64, 151,  
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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