

Converting Colors

XYZ(26.8582, 29.1412, 66.4966)

Have a look what the booklet for
XYZ(26.8582, 29.1412, 66.4966)
contains.

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Color

**XYZ(26.8582, 29.1412,
66.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	5598D4
RGB	85, 152, 212
RGB Percent	33%, 60%, 83%
CMY	0.6666, 0.4039, 0.1686
CMYK	0.60, 0.28, 0.00, 0.17
HSL	208°, 60%, 58%
HSV	208°, 60%, 83%
XYZ	26.8582, 29.1412, 66.4966
YIQ	138.8070, -59.1920, 4.4560

Conversions

Conversions Part 2

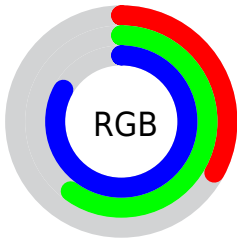
Format	Color
R _Y B	85, 129, 212
Decimal	5609684
CIE Lab	60.91, -3.38, -37.09
CIE LCh	61, 37.242, 264.787
Yxy	29.1412, 0.2193, 0.2379
Android (android.graphics.Color)	4283799764 (0xFF5598D4)
YUV	138.8070, 36.0841, -47.1887
Hunter-Lab	53.9826, -5.6596, -35.2465

Details

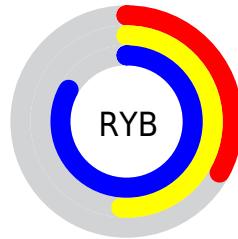
The XYZ color **26.8582, 29.1412, 66.4966** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **38.9178, 34.9057, 13.2820**, and the grayscale version is **24.3495, 25.6176, 27.8976**.

A 20% lighter version of the original color is **51.6229, 57.2919, 102.9454**, and **10.7395, 11.7417, 33.5986** is the 20% darker color. If you saturate the color by 10%, you get **23.6565, 25.1788, 65.9011**, and if you desaturate by 10%, it is **30.7757, 33.6774, 67.1663**.

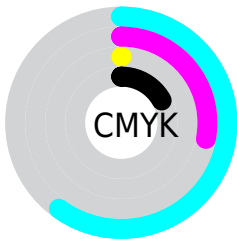
Distribution



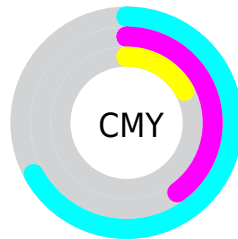
- Red (33%)
- Green (60%)
- Blue (83%)



- Red (33%)
- Yellow (51%)
- Blue (83%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8582, 29.1412, 66.4966 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 26.8582, 29.1412, 66.4966 by changing the saturation by 10% instead.

■ 26.8582, 29.1412,
66.4966

■ 26.8582, 29.1412,
66.4966

279.1500,
297.8806, 466.6034

■ 17.6028, 19.1877,
48.2166

■ 54.0777, 58.3014,
115.8326

■ 10.7631, 11.8060,
33.6373

■ 72.7726, 78.2768,
147.7257

■ 5.9739, 6.6117,
22.3400

■ 95.3446, 102.3616,
184.9935

■ 2.8697, 3.2205,
13.9062

■ 122.1592,
130.9402, 228.0547

■ 1.0853, 1.2479,
7.9175

153.5816,
164.3970, 277.3277

■ 0.0127, 0.1003,
3.9552

189.9774,

■ 0.0000, 0.0000,

203.1164, 333.2312

1.6008

231.7117,
247.4828, 396.1836

■ 0.0000, 0.0000,
0.2914

■ 0.0000, 0.0000,
0.0000

■ 26.8582, 29.1412,
66.4966

■ 26.8582, 29.1412,
66.4966

■ 23.6565, 25.1788,
65.9011

■ 30.7757, 33.6774,
67.1663

■ 21.1108, 21.7530,
65.3740

■ 35.4559, 38.8149,
67.9112

■ 19.1556, 18.8251,
64.9119

■ 40.9448, 44.5826,
68.7352

■ 17.6737, 16.3294,
64.5083

■ 47.2838, 51.0064,
69.6410

■ 17.6603, 16.3066,
64.5046

■ 54.5112, 58.1105,
70.6313

■ 62.6630, 65.9175,
71.7086

■ 71.7728, 74.4491,
72.8752

■ 81.8728, 83.7258,
74.1335

■ 84.9195, 89.6050,
75.1077

Harmonies

Analogous

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



22.6560, 29.1412, 58.9691



26.8582, 29.1412, 66.4966



31.7988, 29.1412, 62.7181

Triad

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



26.8582, 29.1412, 66.4966



37.0670, 29.1412, 21.7892



20.7494, 29.1412, 18.6753

Complementary

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



26.8582, 29.1412, 66.4966



38.9178, 34.9057, 13.2820

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.



23.9655, 29.1412, 13.1204



26.8582, 29.1412, 66.4966



33.4371, 29.1412, 14.5155

Square

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



26.8582, 29.1412, 66.4966



38.0735, 29.1412, 34.2217



28.5548, 29.1412, 11.8575



19.4024, 29.1412, 29.3619

Rectangle

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



26.8582, 29.1412, 66.4966



34.8085, 29.1412, 54.7391



28.5548, 29.1412, 11.8575



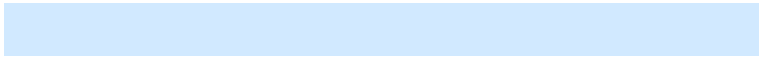
21.6281, 29.1412, 16.2857

Sweetspot

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



26.8592, 29.1422, 66.4973



73.6008, 79.2459, 106.0246



32.3454, 51.0409, 34.6412



15.1036, 16.3140, 22.6028



0.0000, 0.0000, 0.0000



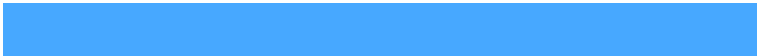
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.8592, 29.1422, 66.4973



34.7282, 36.6752, 99.8564



19.2231, 13.8698, 63.9519



12.2794, 13.0823, 15.8155



11.0036, 10.2691, 39.8553



0.7463, 0.7846, 2.4314

Inverse Universe

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



36.0683, 22.7623, 32.1992



50.6107, 28.6543, 40.0350



51.2909, 59.6517, 17.4063



12.6942, 12.5292, 14.3301



18.6130, 9.3815, 10.5320



1.1643, 0.5825, 0.8548

Previews

White Background



This preview shows how the XYZ color 26.8582, 29.1412, 66.4966 looks on a white background.

Color Contrast Check

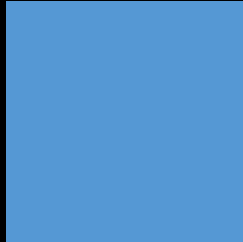
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8582, 29.1412, 66.4966 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 26.8582, 29.1412, 66.4966

Background



This preview shows how black text looks on a background with the XYZ color 26.8582, 29.1412, 66.4966.

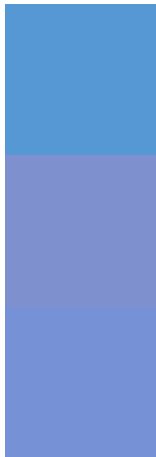


This preview shows how white text looks on a background with the XYZ color 26.8582, 29.1412,

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

26.8582, 29.1412, 66.4966

Protanopia

29.8662, 28.9148, 62.3995

Deuteranopia

29.7342, 28.9574, 67.6405



Tritanopia

22.1593, 28.9681, 43.4532

Trichromacy



Original Color

26.8582, 29.1412, 66.4966

Protanomaly

28.5010, 28.8662, 63.7441

Deuteranomaly

28.5440, 29.0481, 67.0532

Tritanomaly

23.6821, 28.8206, 51.3285

Monochromacy



Original Color

26.8582, 29.1412, 66.4966

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4639, 26.6216, 39.9255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8582, 29.1412, 66.4966 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(85, 152, 212)` looks like.

```
.text, #text, p{  
    color:rgb(85, 152, 212)  
}
```

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(85, 152, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 152, 212) }
```

Border

The CSS property to change the border of an element to XYZ 26.8582, 29.1412, 66.4966 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(85, 152, 212) }
```


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

```
.border{ border-color:rgb(85, 152, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 152, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 152, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 152, 212);  
box-shadow:4px 4px 4px 4px rgb(85, 152,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8582, 29.1412, 66.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 152, 212) }
```

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

```
.background{ background-color: rgb(85, 152,  
212) }
```

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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