

Converting Colors

XYZ(26.0626, 26.8333, 59.0647)

Have a look what the booklet for
XYZ(26.0626, 26.8333, 59.0647)
contains.

XYZ(26.0740, 26.8050, 59.0580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.0740, 26.8050,
59.0580)**

Conversions

Conversions Part 1

Format	Color
Hex	688FC9
RGB	104, 143, 201
RGB Percent	41%, 56%, 79%
CMY	0.5921, 0.4392, 0.2118
CMYK	0.48, 0.29, 0.00, 0.21
HSL	216°, 47%, 60%
HSV	216°, 48%, 79%
XYZ	26.0740, 26.8050, 59.0580
YIQ	137.9510, -41.8620, 9.7700

Conversions

Conversions Part 2

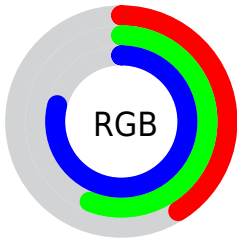
Format	Color
RYB	104, 132, 201
Decimal	6852553
CIELab	58.79, 2.50, -34.15
CIELCh	59, 34.243, 274.182
Yxy	26.8050, 0.2329, 0.2395
Android (android.graphics.Color)	4285042633 (0xFF688FC9)
YUV	137.9510, 31.0832, -29.7750
Hunter-Lab	51.7735, -0.7082, -31.3905

Details

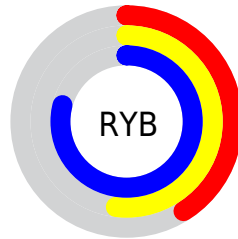
The XYZ color **26.0740, 26.8050, 59.0580** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **39.5075, 39.2590, 18.5934**, and the grayscale version is **24.0363, 25.2881, 27.5387**.

A 20% lighter version of the original color is **52.5135, 54.6261, 102.3839**, and **10.3531, 10.5396, 29.0924** is the 20% darker color. If you saturate the color by 10%, you get **22.3044, 22.3256, 58.3926**, and if you desaturate by 10%, it is **30.5949, 31.9596, 59.8152**.

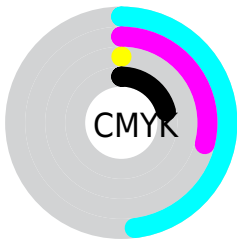
Distribution



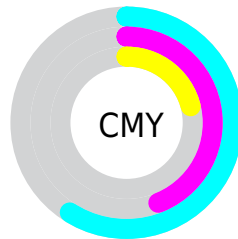
- Red (41%)
- Green (56%)
- Blue (79%)



- Red (41%)
- Yellow (52%)
- Blue (79%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (59%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0740, 26.8050, 59.0580 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 26.0740, 26.8050, 59.0580 by changing the saturation by 10% instead.

■ 26.0740, 26.8050,
59.0580

■ 26.0740, 26.8050,
59.0580

275.3952,
286.7117, 438.8247

■ 17.0120, 17.4268,
42.2395

■ 52.8248, 54.5708,
104.9919

■ 10.3384, 10.5393,
28.9619

■ 71.2442, 73.7272,
134.9444

■ 5.6879, 5.7580,
18.8067

■ 93.5135, 96.9118,
170.1119

■ 2.6951, 2.6985,
11.3553

■ 119.9980,
124.5090, 210.9131

■ 0.9946, 0.9764,
6.1892

151.0631,
156.9032, 257.7664

■ 0.0000, 0.0000,
2.8898

187.0740,

■ 0.0000, 0.0000,

194.4788, 311.0904

1.0386

228.3963,
237.6202, 371.3037

■ 0.0000, 0.0000,
0.0000

■ 26.0740, 26.8050,
59.0580

■ 26.0740, 26.8050,
59.0580

■ 22.3044, 22.3256,
58.3926

■ 30.5949, 31.9596,
59.8152

■ 19.2370, 18.4857,
57.8131

■ 35.9061, 37.8168,
60.6658

■ 16.8208, 15.2501,
57.3159

■ 42.0474, 44.4057,
61.6139

■ 14.9957, 12.5777,
56.8963

■ 49.0547, 51.7529,
62.6627

■ 13.6728, 10.4122,
56.5480

■ 56.9619, 59.8832,
63.8153

■ 13.4713, 10.0742,
56.4934

■ 65.8008, 68.8207,
65.0745

■ 75.6018, 78.5879,
66.4432

■ 82.6939, 87.2995,
67.7509

■ 86.3334, 94.5786,
68.9641

Harmonies

Analogous

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



22.1027, 26.8050, 55.5174



26.0740, 26.8050, 59.0580



30.3161, 26.8050, 52.9548

Triad

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



26.0740, 26.8050, 59.0580



32.8008, 26.8050, 17.9753



18.8458, 26.8050, 20.1861

Complementary

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



26.0740, 26.8050, 59.0580



39.5075, 39.2590, 18.5934

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.



21.1830, 26.8050, 13.8678



26.0740, 26.8050, 59.0580



29.1791, 26.8050, 12.8607

Square

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



26.0740, 26.8050, 59.0580



34.4622, 26.8050, 27.5231



24.8899, 26.8050, 11.5965



18.2080, 26.8050, 30.9147

Rectangle

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



26.0740, 26.8050, 59.0580



32.6437, 26.8050, 45.0165



24.8899, 26.8050, 11.5965



19.4450, 26.8050, 17.5845

Sweetspot

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



26.0749, 26.8060, 59.0586



76.6780, 80.9750, 106.1961



32.9928, 47.2756, 40.9132



15.8649, 16.7555, 22.6479



0.0000, 0.0000, 0.0000



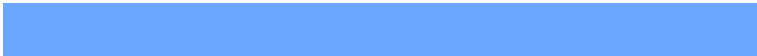
20.3446, 21.4041, 23.3091

Same Dimension

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



26.0749, 26.8060, 59.0586



37.8643, 37.8298, 99.9140



22.1867, 17.5691, 57.4807



10.4009, 10.9758, 13.4878



8.5546, 6.5031, 35.5487



0.4757, 0.4492, 1.7068

Inverse Universe

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



33.9965, 24.3024, 28.8865



53.4429, 34.5702, 40.2040



45.3571, 54.0999, 21.1497



10.8076, 10.7064, 11.9701



16.1173, 8.1965, 5.8275



0.7988, 0.4024, 0.4637

Previews

White Background



This preview shows how the XYZ color 26.0740, 26.8050, 59.0580 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 26.0740, 26.8050, 59.0580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

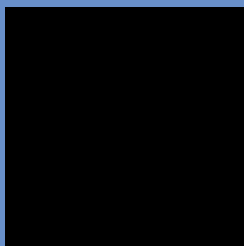
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

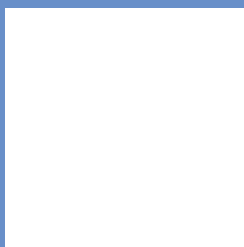
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0740, 26.8050, 59.0580

Background



This preview shows how black text looks on a background with the XYZ color 26.0740, 26.8050, 59.0580.

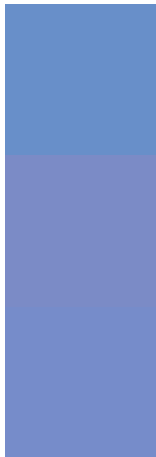


This preview shows how white text looks on a background with the XYZ color 26.0740, 26.8050,

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

26.0740, 26.8050, 59.0580

Protanopia

27.5940, 26.7534, 57.1356

Deuteranopia

27.5100, 26.8720, 59.6140



Tritanopia

21.8416, 26.6966, 38.1842

Trichromacy



Original Color

26.0740, 26.8050, 59.0580

Protanomaly

26.8893, 26.5927, 57.7485

Deuteranomaly

26.9956, 26.8247, 59.6320

Tritanomaly

23.0941, 26.4888, 44.9700

Monochromacy



Original Color

26.0740, 26.8050, 59.0580

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4153, 25.7650, 37.4045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0740, 26.8050, 59.0580 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(104, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(104, 143, 201)  
}
```

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(104, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 143, 201) }
```

Border

The CSS property to change the border of an element to XYZ 26.0740, 26.8050, 59.0580 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(104, 143, 201) }
```


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

```
.border{ border-color:rgb(104, 143, 201) }
```

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

Here you see how a box with a 4 pixel rgb(104, 143, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(104, 143,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0740, 26.8050, 59.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 143, 201) }
```

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

```
.background{ background-color: rgb(104,  
143, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor