

Converting Colors

XYZ(26.5861, 27.9062, 68.1314)

Have a look what the booklet for
XYZ(26.5861, 27.9062, 68.1314)
contains.

XYZ(26.6934, 28.0645, 68.3001)	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(26.6934, 28.0645,
68.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	5694D7
RGB	86, 148, 215
RGB Percent	34%, 58%, 84%
CMY	0.6627, 0.4196, 0.1569
CMYK	0.60, 0.31, 0.00, 0.16
HSL	211°, 62%, 59%
HSV	211°, 60%, 84%
XYZ	26.6934, 28.0645, 68.3001
YIQ	137.1000, -58.4590, 7.6930

Conversions

Conversions Part 2

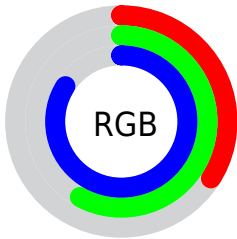
Format	Color
R _Y B	86, 128, 215
Decimal	5674199
CIE Lab	59.95, 0.08, -40.26
CIE LCh	60, 40.262, 270.110
Yxy	28.0645, 0.2169, 0.2281
Android (android.graphics.Color)	4283864279 (0xFF5694D7)
YUV	137.1000, 38.4047, -44.8147
Hunter-Lab	52.9759, -2.7657, -39.3575

Details

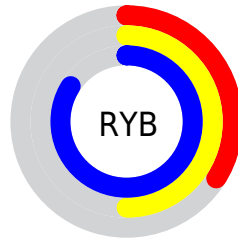
The XYZ color **26.6934, 28.0645, 68.3001** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.0968, 37.9037, 13.9557**, and the grayscale version is **23.6920, 24.9258, 27.1442**.

A 20% lighter version of the original color is **50.8476, 55.4808, 102.6367**, and **10.7128, 11.2734, 34.8691** is the 20% darker color. If you saturate the color by 10%, you get **23.3355, 23.8578, 67.6657**, and if you desaturate by 10%, it is **30.8176, 32.9181, 69.0201**.

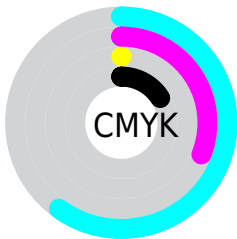
Distribution



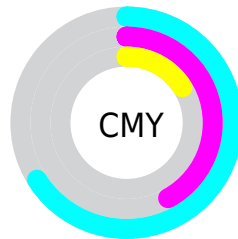
- Red (34%)
- Green (58%)
- Blue (84%)



- Red (34%)
- Yellow (50%)
- Blue (84%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6934, 28.0645, 68.3001 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 26.6934, 28.0645, 68.3001 by changing the saturation by 10% instead.

■ 26.6934, 28.0645,
68.3001

■ 26.6934, 28.0645,
68.3001

278.3642,
292.7750, 473.1855

■ 17.4785, 18.3743,
49.6737

■ 53.8148, 56.5874,
118.4396

■ 10.6736, 11.2190,
34.7848

■ 72.4521, 76.1889,
150.7898

■ 5.9135, 6.2144,
23.2150

■ 94.9608, 99.8629,
188.5517

■ 2.8327, 2.9759,
14.5455

■ 121.7064,
127.9939, 232.1439

■ 1.0659, 1.1191,
8.3580

153.0542,
160.9662, 281.9848

■ 0.0000, 0.0000,
4.2338

189.3695,

■ 0.0000, 0.0000,

199.1642, 338.4930

1.7545

231.0177,
242.9723, 402.0870

■ 0.0000, 0.0000,
0.3977

■ 0.0000, 0.0000,
0.0000

■ 26.6934, 28.0645,
68.3001

■ 26.6934, 28.0645,
68.3001

■ 23.3355, 23.8578,
67.6657

■ 30.8176, 32.9181,
69.0201

■ 20.6808, 20.2569,
67.1105

■ 35.7580, 38.4496,
69.8274

■ 18.6599, 17.2192,
66.6307

■ 41.5634, 44.6913,
70.7262

■ 17.1494, 14.6733,
66.2189

■ 48.2778, 51.6721,
71.7198

■ 17.1490, 14.6726,
66.2188

■ 55.9420, 59.4190,
72.8111

■ 64.5939, 67.9576,
74.0032

■ 74.2697, 77.3122,
75.2989

■ 83.8881, 86.9309,
76.6485

■ 87.2289, 93.6125,
77.7621

Harmonies

Analogous

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



22.0642, 28.0645, 62.0891



26.6934, 28.0645, 68.3001



31.9229, 28.0645, 62.0022

Triad

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



26.6934, 28.0645, 68.3001



36.1266, 28.0645, 18.4859



19.0190, 28.0645, 18.5532

Complementary

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



26.6934, 28.0645, 68.3001



41.0968, 37.9037, 13.9557

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.



22.0354, 28.0645, 12.0844



26.6934, 28.0645, 68.3001



31.8859, 28.0645, 12.0552

Square

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



26.6934, 28.0645, 68.3001



37.7768, 28.0645, 30.5033



26.6555, 28.0645, 10.1488



17.9931, 28.0645, 30.6117

Rectangle

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



26.6934, 28.0645, 68.3001



34.9613, 28.0645, 52.4333



26.6555, 28.0645, 10.1488



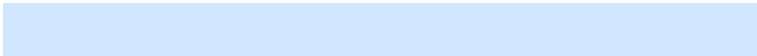
19.8130, 28.0645, 15.8108

Sweetspot

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



26.6944, 28.0655, 68.3008



72.9934, 78.0311, 105.8221



33.8603, 52.8686, 38.4073



14.9558, 16.0183, 22.5535



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.



26.6944, 28.0655, 68.3008



33.1862, 33.5913, 99.3424



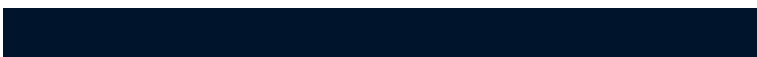
19.6336, 13.6454, 65.8896



12.2301, 12.9837, 15.7990



10.3621, 8.9859, 39.6415



0.7076, 0.7073, 2.4185

Inverse Universe

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



36.6984, 23.2421, 30.5697



49.8324, 28.3430, 35.9365



53.3780, 63.3972, 18.2291



12.6694, 12.5192, 14.1991



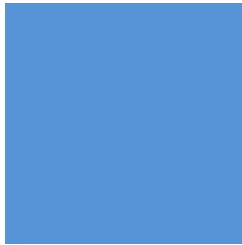
18.2891, 9.2520, 8.8267



1.1448, 0.5747, 0.7520

Previews

White Background



This preview shows how the XYZ color 26.6934, 28.0645, 68.3001 looks on a white background.

Color Contrast Check

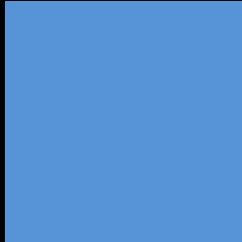
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6934, 28.0645, 68.3001 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 26.6934, 28.0645, 68.3001

Background



This preview shows how black text looks on a background with the XYZ color 26.6934, 28.0645, 68.3001.

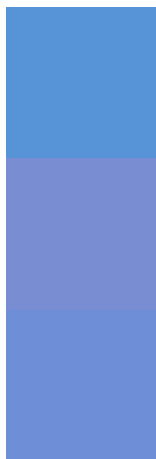


This preview shows how white text looks on a background with the XYZ color 26.6934, 28.0645,

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

26.6934, 28.0645, 68.3001

Protanopia

29.0429, 27.7678, 64.8018

Deuteranopia

28.6475, 27.9178, 68.8445



Tritanopia

21.5594, 28.1745, 42.3321

Trichromacy



Original Color

26.6934, 28.0645, 68.3001

Protanomaly

28.0413, 27.8881, 66.1924

Deuteranomaly

27.8869, 27.9754, 68.8957

Tritanomaly

23.1662, 28.0728, 50.6520

Monochromacy



Original Color

26.6934, 28.0645, 68.3001

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7876, 25.6179, 39.2883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6934, 28.0645, 68.3001 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(86, 148, 215)` looks like.

```
.text, #text, p{  
    color:rgb(86, 148, 215)  
}
```

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(86, 148, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 148, 215) }
```

Border

The CSS property to change the border of an element to XYZ 26.6934, 28.0645, 68.3001 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(86, 148, 215) }
```


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

```
.border{ border-color:rgb(86, 148, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 148, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 148, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 148, 215);  
box-shadow:4px 4px 4px 4px rgb(86, 148,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6934, 28.0645, 68.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 148, 215) }
```

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

```
.background{ background-color: rgb(86, 148,  
215) }
```

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