

Converting Colors

XYZ(28.0975, 28.2305, 67.5873)

Have a look what the booklet for
XYZ(28.0975, 28.2305, 67.5873)
contains.

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Color

**XYZ(28.1254, 28.3559,
67.6092)**

Conversions

Conversions Part 1

Format	Color
Hex	6892D6
RGB	104, 146, 214
RGB Percent	41%, 57%, 84%
CMY	0.5921, 0.4274, 0.1608
CMYK	0.51, 0.32, 0.00, 0.16
HSL	217°, 57%, 62%
HSV	217°, 51%, 84%
XYZ	28.1254, 28.3559, 67.6092
YIQ	141.1940, -46.8600, 12.2440

Conversions

Conversions Part 2

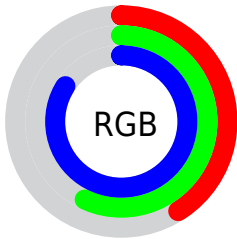
Format	Color
RYB	104, 134, 214
Decimal	6853334
CIELab	60.21, 4.70, -39.23
CIELCh	60, 39.512, 276.834
Yxy	28.3559, 0.2267, 0.2285
Android (android.graphics.Color)	4285043414 (0xFF6892D6)
YUV	141.1940, 35.8934, -32.6191
Hunter-Lab	53.2503, 1.0911, -38.0024

Details

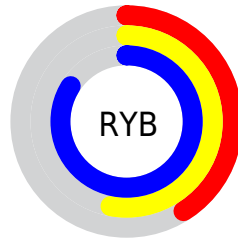
The XYZ color **28.1254, 28.3559, 67.6092** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.9839, 44.8022, 19.3748**, and the grayscale version is **25.2712, 26.5873, 28.9536**.

A 20% lighter version of the original color is **53.4022, 56.1056, 102.6226**, and **11.4796, 11.4044, 34.3971** is the 20% darker color. If you saturate the color by 10%, you get **24.0267, 23.3891, 66.8671**, and if you desaturate by 10%, it is **33.0924, 34.1216, 68.4609**.

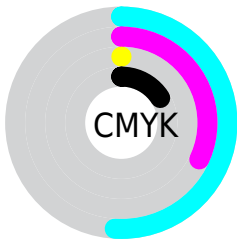
Distribution



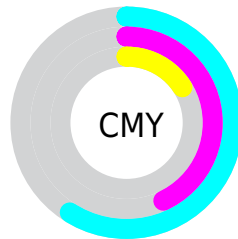
- Red (41%)
- Green (57%)
- Blue (84%)



- Red (41%)
- Yellow (53%)
- Blue (84%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1254, 28.3559, 67.6092 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 28.1254, 28.3559, 67.6092 by changing the saturation by 10% instead.

■ 28.1254, 28.3559,
67.6092

■ 28.1254, 28.3559,
67.6092

285.1349,
294.1637, 470.6706

■ 18.5611, 18.5941,
49.1152

■ 56.0918, 57.0522,
117.4418

■ 11.4557, 11.3774,
34.3446

■ 75.2247, 76.7554,
149.6175

■ 6.4438, 6.3213,
22.8790

■ 98.2779, 100.5413,
187.1908

■ 3.1600, 3.0414,
14.2997

■ 125.6166,
128.7942, 230.5802

■ 1.2389, 1.1534,
8.1883

157.6063,
161.8984, 280.2044

■ 0.1368, 0.0231,
4.1262

194.6124,

■ 0.0000, 0.0000,

200.2385, 336.4818

1.6948

237.0001,
244.1988, 399.8310

■ 0.0000, 0.0000,
0.3572

■ 0.0000, 0.0000,
0.0000

■ 28.1254, 28.3559,
67.6092

■ 28.1254, 28.3559,
67.6092

■ 24.0267, 23.3891,
66.8671

■ 33.0924, 34.1216,
68.4609

■ 20.7365, 19.1771,
66.2275

■ 38.9758, 40.7210,
69.4246

■ 18.1917, 15.6753,
65.6857

■ 45.8236, 48.1899,
70.5053

■ 16.3166, 12.8312,
65.2356

■ 53.6794, 56.5614,
71.7071

■ 15.1330, 10.8456,
64.9147

■ 62.5839, 65.8663,
73.0338

■ 72.5758, 76.1340,
74.4891

■ 83.6914, 87.3928,
76.0764

■ 88.1370, 95.6336,
77.4327

■ 89.1377, 97.6351,
77.7663

Harmonies

Analogous

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



23.3037, 28.3559, 64.2143



28.1254, 28.3559, 67.6092



33.2125, 28.3559, 58.9638

Triad

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



28.1254, 28.3559, 67.6092



35.5090, 28.3559, 17.0060



18.9624, 28.3559, 21.1626

Complementary

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



28.1254, 28.3559, 67.6092



44.9839, 44.8022, 19.3748

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.



21.5313, 28.3559, 13.5168



28.1254, 28.3559, 67.6092



30.9613, 28.3559, 11.6944

Square

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



28.1254, 28.3559, 67.6092



37.8071, 28.3559, 27.6775



25.8106, 28.3559, 10.6548



18.4023, 28.3559, 34.3093

Rectangle

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



28.1254, 28.3559, 67.6092



35.9399, 28.3559, 48.7564



25.8106, 28.3559, 10.6548



19.6025, 28.3559, 18.0065

Sweetspot

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



28.1264, 28.3569, 67.6099



75.2662, 79.2837, 105.9441



37.1869, 54.0092, 47.4119



15.5765, 16.4016, 22.5948



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.



28.1264, 28.3569, 67.6099



35.0708, 33.9593, 99.3141



24.4028, 18.5274, 65.9089



12.1274, 12.7782, 15.7648



9.2400, 6.7418, 39.2675



0.6361, 0.5641, 2.3947

Inverse Universe

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



37.8711, 26.2733, 30.2703



51.6138, 32.2343, 35.5181



50.6783, 61.5339, 22.3042



12.6175, 12.4985, 13.9260



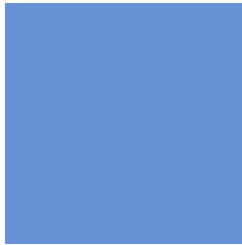
17.7228, 9.0254, 5.8443



1.1087, 0.5603, 0.5618

Previews

White Background



This preview shows how the XYZ color 28.1254, 28.3559, 67.6092 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 28.1254, 28.3559, 67.6092 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

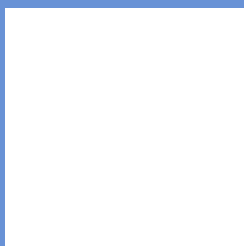
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1254, 28.3559, 67.6092

Background



This preview shows how black text looks on a background with the XYZ color 28.1254, 28.3559, 67.6092.



This preview shows how white text looks on a background with the XYZ color 28.1254, 28.3559,

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

28.1254, 28.3559, 67.6092

Protanopia

29.4569, 28.1867, 65.5161

Deuteranopia

29.1784, 28.4302, 68.2397



Tritanopia

22.9091, 28.3937, 41.3189

Trichromacy



Original Color

28.1254, 28.3559, 67.6092

Protanomaly

28.7764, 28.0432, 66.1836

Deuteranomaly

28.8215, 28.4721, 68.2666

Tritanomaly

24.6013, 28.3389, 50.0723

Monochromacy



Original Color

28.1254, 28.3559, 67.6092

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7924, 27.0613, 40.9097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1254, 28.3559, 67.6092 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, 146, 214)` looks like.

```
.text, #text, p{  
    color:rgb(104, 146, 214)  
}
```

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, 146, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 146, 214) }
```

Border

The CSS property to change the border of an element to XYZ 28.1254, 28.3559, 67.6092 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, 146, 214) }
```


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

```
.border{ border-color:rgb(104, 146, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 146, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 146, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 146, 214);  
box-shadow:4px 4px 4px 4px rgb(104, 146,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1254, 28.3559, 67.6092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 146, 214) }
```

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

```
.background{ background-color: rgb(104,  
146, 214) }
```

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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