

Converting Colors

XYZ(27.9684, 28.5336, 60.7270)

Have a look what the booklet for
XYZ(27.9684, 28.5336, 60.7270)
contains.

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Color

**XYZ(27.8684, 28.3803,
60.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	7192CB
RGB	113, 146, 203
RGB Percent	44%, 57%, 80%
CMY	0.5568, 0.4274, 0.2039
CMYK	0.44, 0.28, 0.00, 0.20
HSL	218°, 46%, 62%
HSV	218°, 44%, 80%
XYZ	27.8684, 28.3803, 60.5090
YIQ	142.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

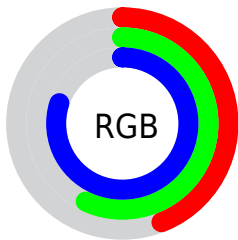
Format	Color
R_{YB}	113, 137, 203
Decimal	7443147
CIE _{Lab}	60.23, 3.59, -33.00
CIE _{LCh}	60, 33.193, 276.208
Yxy	28.3803, 0.2387, 0.2431
Android (android.graphics.Color)	4285633227 (0xFF7192CB)
YUV	142.6310, 29.7619, -25.9864
Hunter-Lab	53.2732, 0.1494, -30.0519

Details

The XYZ color **27.8684, 28.3803, 60.5090** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.9847, 42.6391, 21.6412**, and the grayscale version is **25.8585, 27.2051, 29.6264**.

A 20% lighter version of the original color is **54.8527, 56.8534, 102.6905**, and **11.3526, 11.4352, 30.0426** is the 20% darker color. If you saturate the color by 10%, you get **23.6714, 23.4386, 59.7769**, and if you desaturate by 10%, it is **32.8744, 34.0710, 61.3441**.

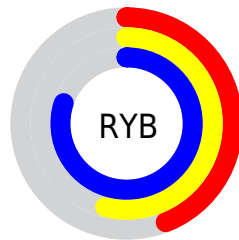
Distribution



Red (44%)

Green (57%)

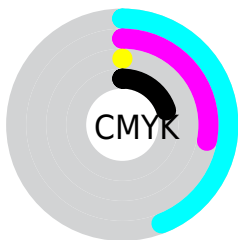
Blue (80%)



Red (44%)

Yellow (54%)

Blue (80%)

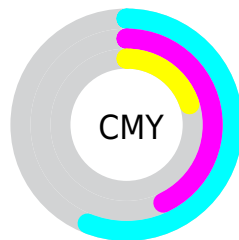


Cyan (44%)

Magenta (28%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (43%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8684, 28.3803, 60.5090 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 27.8684, 28.3803, 60.5090 by changing the saturation by 10% instead.

■ 27.8684, 28.3803,
60.5090

■ 27.8684, 28.3803,
60.5090

283.9290,
294.2797, 444.3280

■ 18.3664, 18.6125,
43.4011

■ 55.6844, 57.0910,
107.1183

■ 11.3147, 11.3906,
29.8662

■ 74.7291, 76.8028,
137.4567

■ 6.3477, 6.3302,
19.4859

■ 97.6855, 100.5980,
173.0423

■ 3.1003, 3.0469,
11.8415

124.9188,
128.8611, 214.2938

■ 1.2070, 1.1563,
6.5146

156.7945,
161.9764, 261.6295

■ 0.1119, 0.0255,
3.0866

193.6778,

■ 0.0000, 0.0000,

200.3283, 315.4681

1.1390

235.9342,
244.3013, 376.2281

■ 0.0000, 0.0000,
0.0000

■ 27.8684, 28.3803,
60.5090

■ 27.8684, 28.3803,
60.5090

■ 23.6714, 23.4386,
59.7769

■ 32.8744, 34.0710,
61.3441

■ 20.2336, 19.2077,
59.1414

■ 38.7293, 40.5401,
62.2842

■ 17.5040, 15.6504,
58.5987

■ 45.4734, 47.8189,
63.3337

■ 15.4233, 12.7240,
58.1435

■ 53.1440, 55.9360,
64.4961

■ 13.9205, 10.3788,
57.7700

■ 61.7758, 64.9186,
65.7750

■ 13.2574, 9.2675,
57.5905

■ 71.4018, 74.7924,
67.1735

■ 82.0149, 85.5625,
68.6930

■ 85.8509, 93.2344,
69.9716

■ 87.7796, 97.0918,
70.6145

Harmonies

Analogous

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



23.8093, 28.3803, 57.6559



27.8684, 28.3803, 60.5090



32.0977, 28.3803, 53.9031

Triad

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



27.8684, 28.3803, 60.5090



34.1230, 28.3803, 19.0318



20.1646, 28.3803, 22.3861

Complementary

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



27.8684, 28.3803, 60.5090



41.9847, 42.6391, 21.6412

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.



22.4279, 28.3803, 15.5985



27.8684, 28.3803, 60.5090



30.4087, 28.3803, 14.0478

Square

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



27.8684, 28.3803, 60.5090



35.9451, 28.3803, 28.4379



26.1002, 28.3803, 12.9809



19.6365, 28.3803, 33.5031

Rectangle

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



27.8684, 28.3803, 60.5090



34.3549, 28.3803, 45.8373



26.1002, 28.3803, 12.9809



20.7351, 28.3803, 19.6234

Sweetspot

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



27.8694, 28.3814, 60.5097



77.5525, 81.5744, 106.2657



35.4225, 49.1255, 45.6463



16.0218, 16.8433, 22.6566



0.0000, 0.0000, 0.0000



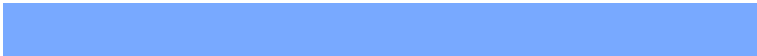
20.3446, 21.4041, 23.3091

Same Dimension

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



27.8694, 28.3814, 60.5097



40.0384, 39.7292, 100.1660



25.1430, 20.4831, 59.1289



10.9330, 11.5064, 14.2151



8.5168, 6.0575, 36.6766



0.5113, 0.4563, 1.9161

Inverse Universe

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



35.7229, 26.5831, 30.4434



55.1380, 37.5367, 42.0750



45.8231, 54.9811, 23.8211



11.3795, 11.2805, 12.5332



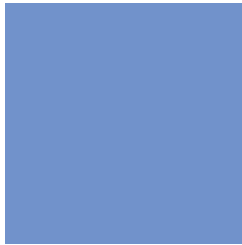
16.5098, 8.4145, 5.1372



0.8880, 0.4486, 0.4561

Previews

White Background



This preview shows how the XYZ color 27.8684, 28.3803, 60.5090 looks on a white background.

Color Contrast Check

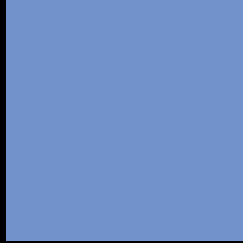
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8684, 28.3803, 60.5090 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 27.8684, 28.3803, 60.5090

Background



This preview shows how black text looks on a background with the XYZ color 27.8684, 28.3803, 60.5090.

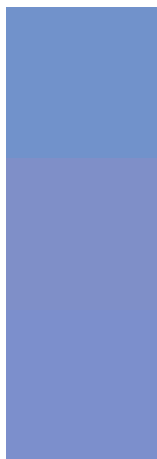


This preview shows how white text looks on a background with the XYZ color 27.8684, 28.3803,

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

27.8684, 28.3803, 60.5090

Protanopia

29.0002, 28.3271, 58.5828

Deuteranopia

29.0337, 28.2896, 61.0569



Tritanopia

23.6623, 28.3239, 39.8172

Trichromacy



Original Color

27.8684, 28.3803, 60.5090

Protanomaly

28.5419, 28.3011, 59.2167

Deuteranomaly

28.6181, 28.2992, 61.0807

Tritanomaly

24.9869, 28.1315, 46.7608

Monochromacy



Original Color

27.8684, 28.3803, 60.5090

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2805, 27.5687, 39.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8684, 28.3803, 60.5090 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(113, 146, 203)` looks like.

```
.text, #text, p{  
    color:rgb(113, 146, 203)  
}
```

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(113, 146, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 146, 203) }
```

Border

The CSS property to change the border of an element to XYZ 27.8684, 28.3803, 60.5090 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(113, 146, 203) }
```


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

```
.border{ border-color:rgb(113, 146, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 146, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 146, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 146, 203);  
box-shadow:4px 4px 4px 4px rgb(113, 146,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8684, 28.3803, 60.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 146, 203) }
```

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

```
.background{ background-color: rgb(113,  
146, 203) }
```

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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