

Converting Colors

XYZ(27.8702, 29.3126, 60.6889)

Have a look what the booklet for
XYZ(27.8702, 29.3126, 60.6889)
contains.

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Color

**XYZ(27.8702, 29.3126,
60.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	6C96CB
RGB	108, 150, 203
RGB Percent	42%, 59%, 80%
CMY	0.5765, 0.4118, 0.2039
CMYK	0.47, 0.26, 0.00, 0.20
HSL	213°, 48%, 61%
HSV	213°, 47%, 80%
XYZ	27.8702, 29.3126, 60.6889
YIQ	143.4840, -42.0450, 7.5790

Conversions

Conversions Part 2

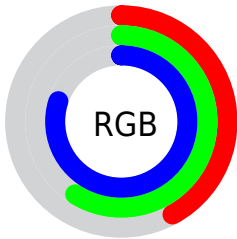
Format	Color
R _Y B	108, 137, 203
Decimal	7116491
CIE Lab	61.06, 0.04, -31.74
CIE LCh	61, 31.738, 270.068
Yxy	29.3126, 0.2364, 0.2487
Android (android.graphics.Color)	4285306571 (0xFF6C96CB)
YUV	143.4840, 29.3414, -31.1195
Hunter-Lab	54.1411, -2.8606, -28.5617

Details

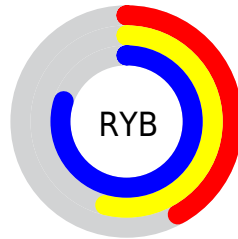
The XYZ color **27.8702, 29.3126, 60.6889** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.0813, 39.2703, 19.6561**, and the grayscale version is **26.2011, 27.5656, 30.0189**.

A 20% lighter version of the original color is **54.9527, 58.2982, 102.9641**, and **11.3028, 11.8237, 30.1202** is the 20% darker color. If you saturate the color by 10%, you get **23.9621, 24.7439, 60.0136**, and if you desaturate by 10%, it is **32.5298, 34.5291, 61.4508**.

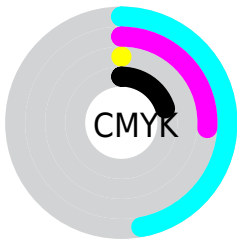
Distribution



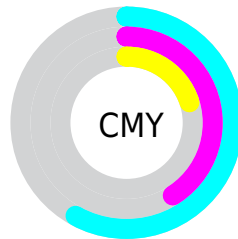
- Red (42%)
- Green (59%)
- Blue (80%)



- Red (42%)
- Yellow (54%)
- Blue (80%)



- Cyan (47%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (41%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.8702, 29.3126, 60.6889 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 27.8702, 29.3126, 60.6889 by changing the saturation by 10% instead.

■ 27.8702, 29.3126,
60.6889

■ 27.8702, 29.3126,
60.6889

283.9375,
298.6870, 445.0073

■ 18.3678, 19.3174,
43.5452

■ 55.6872, 58.5734,
107.3815

■ 11.3156, 11.8999,
29.9786

■ 74.7326, 78.6078,
137.7675

■ 6.3484, 6.6755,
19.5704

■ 97.6896, 102.7574,
173.4047

■ 3.1007, 3.2600,
11.9022

■ 124.9237,
131.4065, 214.7116

■ 1.2073, 1.2689,
6.5554

156.8001,
164.9397, 262.1068

■ 0.1121, 0.1170,
3.1114

193.6844,

■ 0.0000, 0.0000,

203.7412, 316.0088

1.1518

235.9417,
248.1956, 376.8361

■ 0.0000, 0.0000,
0.0000

■ 27.8702, 29.3126,
60.6889

■ 27.8702, 29.3126,
60.6889

■ 23.9621, 24.7439,
60.0136

■ 32.5298, 34.5291,
61.4508

■ 20.7570, 20.7891,
59.4192

■ 37.9792, 40.4186,
62.3003

■ 18.2051, 17.4154,
58.9025

■ 44.2575, 47.0085,
63.2414

■ 16.2475, 14.5844,
58.4592

■ 51.4001, 54.3235,
64.2769

■ 14.8083, 12.2485,
58.0842

■ 59.4404, 62.3873,
65.4096

■ 14.4144, 11.5814,
57.9762

■ 68.4100, 71.2221,
66.6421

■ 78.3387, 80.8493,
67.9771

■ 83.3584, 88.2494,
69.1409

■ 86.8085, 95.1496,
70.2909

Harmonies

Analogous

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



24.0626, 29.3126, 56.1257



27.8702, 29.3126, 60.6889



32.0569, 29.3126, 56.0862

Triad

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



27.8702, 29.3126, 60.6889



35.3600, 29.3126, 21.7733



21.4967, 29.3126, 21.8096

Complementary

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



27.8702, 29.3126, 60.6889



40.0813, 39.2703, 19.6561

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.



24.0477, 29.3126, 15.9316



27.8702, 29.3126, 60.6889



32.0389, 29.3126, 15.9146

Square

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



27.8702, 29.3126, 60.6889



36.6349, 29.3126, 31.8894



27.8513, 29.3126, 14.0722



20.6129, 29.3126, 31.9435

Rectangle

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



27.8702, 29.3126, 60.6889



34.4447, 29.3126, 48.9647



27.8513, 29.3126, 14.0722



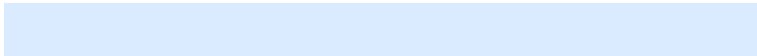
22.1743, 29.3126, 19.3707

Sweetspot

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



27.8712, 29.3137, 60.6896



77.0858, 81.7908, 106.3321



33.9083, 48.4476, 40.9379



15.9638, 16.9534, 22.6809



0.0000, 0.0000, 0.0000



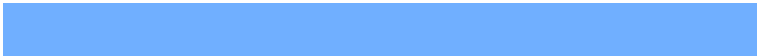
20.3446, 21.4041, 23.3091

Same Dimension

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



27.8712, 29.3137, 60.6896



40.1521, 41.4670, 100.4954



22.9212, 18.5324, 58.8695



11.0031, 11.6466, 14.2385



9.2608, 7.5457, 36.9246



0.5530, 0.5397, 1.9300

Inverse Universe

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



35.4971, 25.6248, 31.9303



54.8267, 36.0007, 44.7875



47.4181, 55.8350, 22.4667



11.4149, 11.2947, 12.7196



16.8853, 8.5647, 7.1149



0.9091, 0.4570, 0.5669

Previews

White Background



This preview shows how the XYZ color 27.8702, 29.3126, 60.6889 looks on a white background.

Color Contrast Check

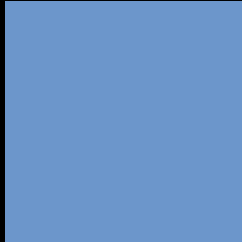
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8702, 29.3126, 60.6889 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 27.8702, 29.3126, 60.6889

Background



This preview shows how black text looks on a background with the XYZ color 27.8702, 29.3126, 60.6889.



This preview shows how white text looks on a background with the XYZ color 27.8702, 29.3126,

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

27.8702, 29.3126, 60.6889

Protanopia

29.7943, 29.1996, 58.0986

Deuteranopia

29.9266, 29.1996, 61.1855



Tritanopia

24.0869, 29.2382, 41.9101

Trichromacy



Original Color

27.8702, 29.3126, 60.6889

Protanomaly

29.0274, 29.2485, 58.7592

Deuteranomaly

29.2180, 29.2920, 61.2407

Tritanomaly

25.3756, 29.2722, 48.0287

Monochromacy



Original Color

27.8702, 29.3126, 60.6889

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2763, 28.0202, 39.6208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8702, 29.3126, 60.6889 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(108, 150, 203)` looks like.

```
.text, #text, p{  
    color:rgb(108, 150, 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(108, 150, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 150, 203) }
```

Border

The CSS property to change the border of an element to XYZ 27.8702, 29.3126, 60.6889 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(108, 150, 203) }
```


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

```
.border{ border-color:rgb(108, 150, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 150, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 150, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 150, 203);  
box-shadow:4px 4px 4px 4px rgb(108, 150,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8702, 29.3126, 60.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 150, 203) }
```

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

```
.background{ background-color: rgb(108,  
150, 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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