

Converting Colors

XYZ(28.2799, 30.5862, 68.0338)

Have a look what the booklet for
XYZ(28.2799, 30.5862, 68.0338)
contains.

XYZ(28.2726, 30.5730, 68.0294)	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(28.2726, 30.5730,
68.0294)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9BD6
RGB	92, 155, 214
RGB Percent	36%, 61%, 84%
CMY	0.6392, 0.3921, 0.1608
CMYK	0.57, 0.28, 0.00, 0.16
HSL	209°, 60%, 60%
HSV	209°, 57%, 84%
XYZ	28.2726, 30.5730, 68.0294
YIQ	142.8890, -56.4870, 4.9930

Conversions

Conversions Part 2

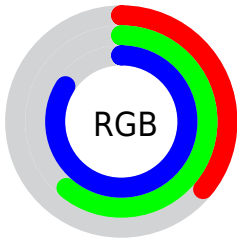
Format	Color
R _Y B	92, 134, 214
Decimal	6069206
CIE Lab	62.15, -3.07, -36.25
CIE LCh	62, 36.375, 265.166
Yxy	30.5730, 0.2228, 0.2410
Android (android.graphics.Color)	4284259286 (0xFF5C9BD6)
YUV	142.8890, 35.0577, -44.6297
Hunter-Lab	55.2929, -5.4911, -34.2423

Details

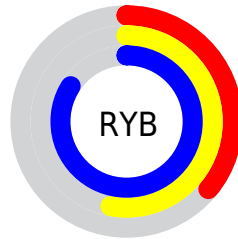
The XYZ color **28.2726, 30.5730, 68.0294** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **40.7314, 37.2041, 15.1611**, and the grayscale version is **25.9461, 27.2973, 29.7267**.

A 20% lighter version of the original color is **53.4281, 59.3050, 103.2388**, and **11.5176, 12.5633, 34.6188** is the 20% darker color. If you saturate the color by 10%, you get **24.7799, 26.3246, 67.3941**, and if you desaturate by 10%, it is **32.5188, 35.4301, 68.7437**.

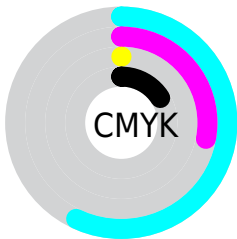
Distribution



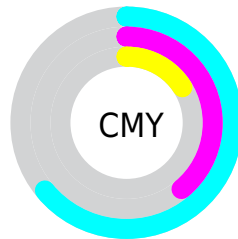
- Red (36%)
- Green (61%)
- Blue (84%)



- Red (36%)
- Yellow (53%)
- Blue (84%)



- Cyan (57%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2726, 30.5730, 68.0294 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 28.2726, 30.5730, 68.0294 by changing the saturation by 10% instead.

■ 28.2726, 30.5730,
68.0294

■ 28.2726, 30.5730,
68.0294

285.8237,
304.5663, 472.2011

■ 18.6728, 20.2739,
49.4548

■ 56.3250, 60.5672,
118.0488

■ 11.5367, 12.5943,
34.6123

■ 75.5082, 81.0310,
150.3307

■ 6.4990, 7.1498,
23.0832

■ 98.6166, 105.6520,
188.0188

■ 3.1943, 3.5560,
14.4491

■ 126.0156,
134.8144, 231.5316

■ 1.2573, 1.4284,
8.2914

158.0704,
168.9026, 281.2877

■ 0.1509, 0.2375,
4.1915

195.1465,

■ 0.0000, 0.0000,

208.3011, 337.7057

1.7310

237.6091,
253.3942, 401.2039

■ 0.0000, 0.0000,
0.3818

■ 0.0000, 0.0000,
0.0000

■ 28.2726, 30.5730,
68.0294

■ 28.2726, 30.5730,
68.0294

■ 24.7799, 26.3246,
67.3941

■ 32.5188, 35.4301,
68.7437

■ 21.9813, 22.6473,
66.8318

■ 37.5651, 40.9235,
69.5381

■ 19.8131, 19.5029,
66.3391

■ 43.4576, 47.0828,
70.4164

■ 18.1906, 16.8419,
65.9110

■ 50.2380, 53.9342,
71.3815

■ 17.7684, 16.1164,
65.7932

■ 57.9450, 61.5026,
72.4361

■ 66.6147, 69.8112,
73.5829

■ 76.2815, 78.8822,
74.8243

■ 83.8935, 87.1467,
76.0183

■ 86.9905, 93.3407,
77.0506

Harmonies

Analogous

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



24.0063, 30.5730, 60.6851



28.2726, 30.5730, 68.0294



33.2486, 30.5730, 64.1392

Triad

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



28.2726, 30.5730, 68.0294



38.4391, 30.5730, 23.0896



21.9962, 30.5730, 20.1413

Complementary

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



28.2726, 30.5730, 68.0294



40.7314, 37.2041, 15.1611

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.



25.2365, 30.5730, 14.3636



28.2726, 30.5730, 68.0294



34.7746, 30.5730, 15.7004

Square

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



28.2726, 30.5730, 68.0294



39.4849, 30.5730, 35.6129



29.8593, 30.5730, 13.0025



20.6513, 30.5730, 31.0681

Rectangle

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



28.2726, 30.5730, 68.0294



36.2591, 30.5730, 56.1459



29.8593, 30.5730, 13.0025



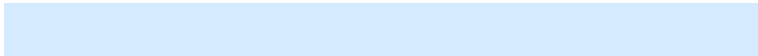
22.8809, 30.5730, 17.6684

Sweetspot

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



28.2737, 30.5741, 68.0302



74.5334, 80.0307, 106.1269



34.0446, 52.6027, 37.6246



15.4928, 16.6699, 22.6510



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.



28.2737, 30.5741, 68.0302



36.0844, 38.1748, 100.0744



20.5583, 15.1432, 65.4583



12.2677, 13.0588, 15.8115



10.8445, 9.9507, 39.8023



0.7368, 0.7656, 2.4283

Inverse Universe

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



37.4761, 24.3183, 33.7299



51.5913, 30.1801, 41.7044



53.1993, 62.1399, 19.3170



12.6883, 12.5268, 14.2989



18.5327, 9.3494, 10.1090



1.1596, 0.5806, 0.8296

Previews

White Background



This preview shows how the XYZ color 28.2726, 30.5730, 68.0294 looks on a white background.

Color Contrast Check

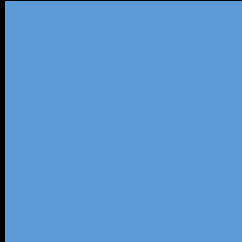
Large Text (above 18pt) WCAG AA × Fail

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 28.2726, 30.5730, 68.0294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

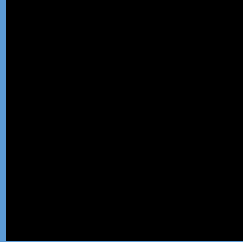
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2726, 30.5730, 68.0294

Background



This preview shows how black text looks on a background with the XYZ color 28.2726, 30.5730, 68.0294.

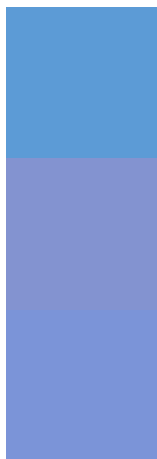


This preview shows how white text looks on a background with the XYZ color 28.2726, 30.5730,

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

28.2726, 30.5730, 68.0294

Protanopia

31.1790, 30.2468, 63.8694

Deuteranopia

31.1530, 30.3486, 69.1817



Tritanopia

23.7188, 30.5136, 45.1970

Trichromacy



Original Color

28.2726, 30.5730, 68.0294

Protanomaly

29.8753, 30.2477, 65.2366

Deuteranomaly

30.0144, 30.4843, 68.5921

Tritanomaly

25.0631, 30.2642, 52.6647

Monochromacy



Original Color

28.2726, 30.5730, 68.0294

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9073, 28.0171, 41.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2726, 30.5730, 68.0294 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(92, 155, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 155, 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(92, 155, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 155, 214) }
```

Border

The CSS property to change the border of an element to XYZ 28.2726, 30.5730, 68.0294 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(92, 155, 214) }
```


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

```
.border{ border-color:rgb(92, 155, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 155, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 155, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 155, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 155,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2726, 30.5730, 68.0294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 155, 214) }
```

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

```
.background{ background-color: rgb(92, 155,  
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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