

Converting Colors

XYZ(30.1759, 30.8222, 67.9772)

Have a look what the booklet for
XYZ(30.1759, 30.8222, 67.9772)
contains.

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Color

**XYZ(30.1759, 30.8222,
67.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	7198D6
RGB	113, 152, 214
RGB Percent	44%, 60%, 84%
CMY	0.5568, 0.4039, 0.1608
CMYK	0.47, 0.29, 0.00, 0.16
HSL	217°, 55%, 64%
HSV	217°, 47%, 84%
XYZ	30.1759, 30.8222, 67.9772
YIQ	147.4070, -43.1460, 11.0140

Conversions

Conversions Part 2

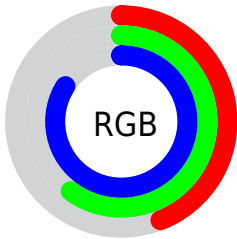
Format	Color
R _Y B	113, 141, 214
Decimal	7444694
CIE Lab	62.36, 3.35, -35.84
CIE LCh	62, 35.993, 275.340
Yxy	30.8222, 0.2340, 0.2390
Android (android.graphics.Color)	4285634774 (0xFF7198D6)
YUV	147.4070, 32.8303, -30.1749
Hunter-Lab	55.5177, -0.1349, -33.7336

Details

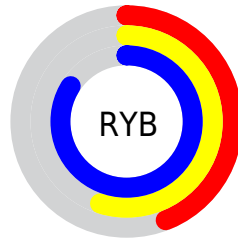
The XYZ color **30.1759, 30.8222, 67.9772** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.0434, 46.1499, 22.1053**, and the grayscale version is **27.7836, 29.2305, 31.8320**.

A 20% lighter version of the original color is **56.4835, 59.7976, 103.1728**, and **12.5426, 12.6513, 34.5818** is the 20% darker color. If you saturate the color by 10%, you get **25.7251, 25.5364, 67.1921**, and if you desaturate by 10%, it is **35.5141, 36.9173, 68.8729**.

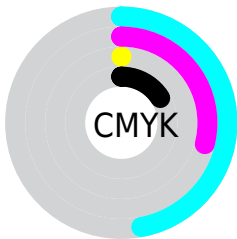
Distribution



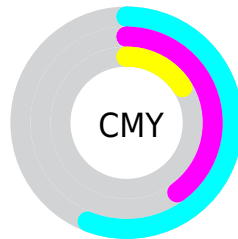
- Red (44%)
- Green (60%)
- Blue (84%)



- Red (44%)
- Yellow (55%)
- Blue (84%)



- Cyan (47%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1759, 30.8222, 67.9772 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 30.1759, 30.8222, 67.9772 by changing the saturation by 10% instead.

■ 30.1759, 30.8222,
67.9772

■ 30.1759, 30.8222,
67.9772

294.6186,
305.7184, 472.0111

■ 20.1209, 20.4635,
49.4126

■ 59.3250, 60.9600,
117.9734

■ 12.5917, 12.7324,
34.5790

■ 79.1497, 81.5080,
150.2422

■ 7.2231, 7.2445,
23.0578

■ 102.9617,
106.2211, 187.9160

■ 3.6496, 3.6155,
14.4305

131.1264,
135.4838, 231.4135

■ 1.5059, 1.4609,
8.2785

164.0091,
169.6805, 281.1533

■ 0.3298, 0.2610,
4.1834

201.9751,

■ 0.0000, 0.0000,

209.1955, 337.5537

1.7265

245.3898,
254.4134, 401.0335

■ 0.0000, 0.0000,
0.3788

■ 0.0000, 0.0000,
0.0000

■ 30.1759, 30.8222,
67.9772

■ 30.1759, 30.8222,
67.9772

■ 25.7251, 25.5364,
67.1921

■ 35.5141, 36.9173,
68.8729

■ 22.1045, 21.0172,
66.5106

■ 41.7857, 43.8543,
69.8813

■ 19.2546, 17.2225,
65.9284

■ 49.0369, 51.6683,
71.0074

■ 17.1055, 14.1037,
65.4397

■ 57.3101, 60.3909,
72.2550

■ 15.5661, 11.6003,
65.0376

■ 66.6448, 70.0521,
73.6278

■ 15.2029, 10.9854,
64.9381

■ 77.0785, 80.6804,
75.1294

■ 85.7165, 90.7927,
76.6260

■ 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.



25.5590, 30.8222, 64.3152



30.1759, 30.8222, 67.9772



35.0538, 30.8222, 60.5401

Triad

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



30.1759, 30.8222, 67.9772



37.6189, 30.8222, 20.3131



21.5817, 30.8222, 23.5667

Complementary

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



30.1759, 30.8222, 67.9772



46.0434, 46.1499, 22.1053

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.



24.2052, 30.8222, 16.0905



30.1759, 30.8222, 67.9772



33.3796, 30.8222, 14.6092

Square

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



30.1759, 30.8222, 67.9772



39.6451, 30.8222, 31.1252



28.4325, 30.8222, 13.3114



20.9249, 30.8222, 36.1189

Rectangle

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



30.1759, 30.8222, 67.9772



37.6943, 30.8222, 51.2424



28.4325, 30.8222, 13.3114



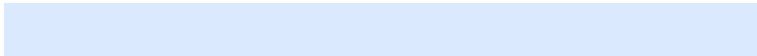
22.2474, 30.8222, 20.5003

Sweetspot

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



30.1770, 30.8233, 67.9779



76.5167, 80.6525, 106.1424



38.4587, 54.6451, 48.3621



15.8258, 16.6774, 22.6349



0.0000, 0.0000, 0.0000



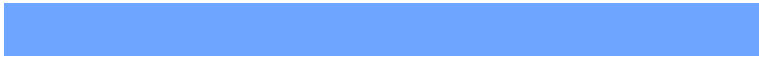
20.3446, 21.4041, 23.3091

Same Dimension

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



30.1770, 30.8233, 67.9779



38.0321, 37.7029, 99.8806



26.2267, 20.8851, 66.2679



12.1319, 12.7871, 15.7663



9.2829, 6.8275, 39.2817



0.6389, 0.5698, 2.3956

Inverse Universe

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



39.3052, 28.3747, 33.1120



53.6404, 35.0814, 39.9119



51.9025, 62.1094, 24.8769



12.6198, 12.4994, 13.9379



17.7444, 9.0341, 5.9582



1.1101, 0.5608, 0.5694

Previews

White Background



This preview shows how the XYZ color 30.1759, 30.8222, 67.9772 looks on a white background.

Color Contrast Check

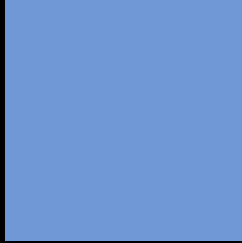
Large Text (above 18pt) WCAG AA × Fail

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 30.1759, 30.8222, 67.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

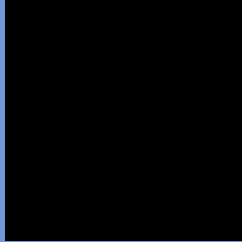
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1759, 30.8222, 67.9772

Background



This preview shows how black text looks on a background with the XYZ color 30.1759, 30.8222, 67.9772.



This preview shows how white text looks on a background with the XYZ color 30.1759, 30.8222,

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

30.1759, 30.8222, 67.9772

Protanopia

31.7078, 30.7083, 65.8841

Deuteranopia

31.6174, 30.8368, 68.5757



Tritanopia

25.4805, 30.9254, 44.1614

Trichromacy



Original Color

30.1759, 30.8222, 67.9772

Protanomaly

30.9433, 30.5334, 66.5500

Deuteranomaly

31.0572, 30.7839, 68.5950

Tritanomaly

26.9598, 30.7480, 52.0910

Monochromacy



Original Color

30.1759, 30.8222, 67.9772

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0898, 29.5861, 42.7583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1759, 30.8222, 67.9772 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, 152, 214)` looks like.

```
.text, #text, p{  
    color:rgb(113, 152, 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(113, 152, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 152, 214) }
```

Border

The CSS property to change the border of an element to XYZ 30.1759, 30.8222, 67.9772 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, 152, 214) }
```


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

```
.border{ border-color:rgb(113, 152, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 152, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 152, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 152, 214);  
box-shadow:4px 4px 4px 4px rgb(113, 152,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1759, 30.8222, 67.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 152, 214) }
```

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

```
.background{ background-color: rgb(113,  
152, 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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