

Converting Colors

XYZ(30.6247, 31.7247, 68.1185)

Have a look what the booklet for
XYZ(30.6247, 31.7247, 68.1185)
contains.

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Color

**XYZ(30.6690, 31.8084,
68.1415)**

Conversions

Conversions Part 1

Format	Color
Hex	719BD6
RGB	113, 155, 214
RGB Percent	44%, 61%, 84%
CMY	0.5568, 0.3921, 0.1608
CMYK	0.47, 0.28, 0.00, 0.16
HSL	215°, 55%, 64%
HSV	215°, 47%, 84%
XYZ	30.6690, 31.8084, 68.1415
YIQ	149.1680, -43.9710, 9.4450

Conversions

Conversions Part 2

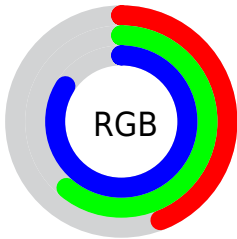
Format	Color
R_{YB}	113, 143, 214
Decimal	7445462
CIE Lab	63.18, 1.63, -34.55
CIE LCh	63, 34.587, 272.706
Yxy	31.8084, 0.2348, 0.2435
Android (android.graphics.Color)	4285635542 (0xFF719BD6)
YUV	149.1680, 31.9622, -31.7193
Hunter-Lab	56.3989, -1.6322, -32.1552

Details

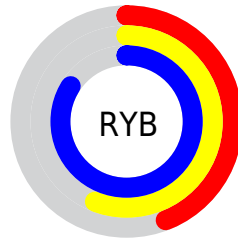
The XYZ color **30.6690, 31.8084, 68.1415** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.4659, 44.9950, 21.9128**, and the grayscale version is **28.5217, 30.0070, 32.6776**.

A 20% lighter version of the original color is **57.2126, 61.2559, 103.4159**, and **12.8392, 13.2446, 34.6806** is the 20% darker color. If you saturate the color by 10%, you get **26.2597, 26.6055, 67.3702**, and if you desaturate by 10%, it is **35.9450, 37.7790, 69.0165**.

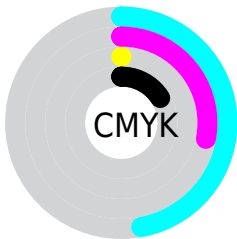
Distribution



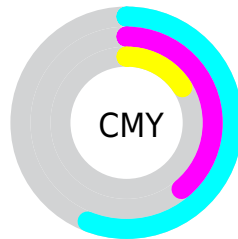
- Red (44%)
- Green (61%)
- Blue (84%)



- Red (44%)
- Yellow (56%)
- Blue (84%)



- Cyan (47%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)



- Cyan (56%)
- Magenta (39%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6690, 31.8084, 68.1415 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 30.6690, 31.8084, 68.1415 by changing the saturation by 10% instead.

■ 30.6690, 31.8084,
68.1415

■ 30.6690, 31.8084,
68.1415

296.8647,
310.2455, 472.6089

■ 20.4975, 21.2152,
49.5455

■ 60.0980, 62.5106,
118.2107

■ 12.8676, 13.2814,
34.6837

■ 80.0862, 83.3884,
150.5209

■ 7.4138, 7.6226,
23.1377

■ 104.0773,
108.4632, 188.2396

■ 3.7708, 3.8544,
14.4890

132.4367,
138.1193, 231.7852

■ 1.5733, 1.5925,
8.3189

165.5298,
172.7412, 281.5765

■ 0.3749, 0.3525,
4.2090

203.7220,

■ 0.0000, 0.0000,

212.7133, 338.0318

1.7407

247.3785,
258.4199, 401.5697

■ 0.0000, 0.0000,
0.3884

■ 0.0000, 0.0000,
0.0000

■ 30.6690, 31.8084,
68.1415

■ 30.6690, 31.8084,
68.1415

■ 26.2597, 26.6055,
67.3702

■ 35.9450, 37.7790,
69.0165

■ 22.6609, 22.1300,
66.6961

■ 42.1325, 44.5480,
69.9969

■ 19.8145, 18.3423,
66.1150

■ 49.2769, 52.1482,
71.0873

■ 17.6518, 15.1963,
65.6217

■ 57.4193, 60.6094,
72.2913

■ 16.0831, 12.6344,
65.2099

■ 66.5986, 69.9598,
73.6124

■ 15.7091, 11.9979,
65.1068

■ 76.8514, 80.2263,
75.0536

■ 85.2821, 89.9239,
76.4811

■ 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.



26.2112, 31.8084, 63.6871



30.6690, 31.8084, 68.1415



35.4760, 31.8084, 61.8397

Triad

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



30.6690, 31.8084, 68.1415



38.6448, 31.8084, 22.2692



22.7787, 31.8084, 23.9118

Complementary

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



30.6690, 31.8084, 68.1415



45.4659, 44.9950, 21.9128

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.



25.5337, 31.8084, 16.8711



30.6690, 31.8084, 68.1415



34.6463, 31.8084, 16.1133

Square

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



30.6690, 31.8084, 68.1415



40.3743, 31.8084, 33.4058



29.8010, 31.8084, 14.4334



21.9502, 31.8084, 35.8918

Rectangle

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



30.6690, 31.8084, 68.1415



38.1500, 31.8084, 53.1558



29.8010, 31.8084, 14.4334



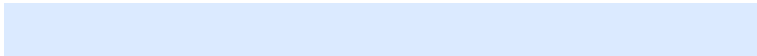
23.4948, 31.8084, 21.0082

Sweetspot

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



30.6701, 31.8096, 68.1423



76.8179, 81.2550, 106.2428



38.2961, 54.5800, 47.5056



15.8988, 16.8234, 22.6592



0.0000, 0.0000, 0.0000



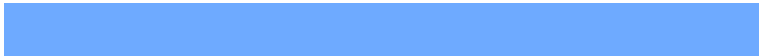
20.3446, 21.4041, 23.3091

Same Dimension

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



30.6701, 31.8096, 68.1423



38.8288, 39.2963, 100.1462



25.9877, 20.7619, 66.2566



12.1626, 12.8487, 15.7765



9.5925, 7.4468, 39.3849



0.6592, 0.6105, 2.4024

Inverse Universe

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



39.5541, 28.4742, 34.4227



54.0426, 35.2422, 42.0296



52.3661, 62.3483, 24.8987



12.6353, 12.5056, 14.0196



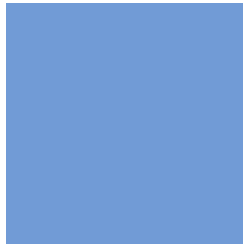
17.9007, 9.0966, 6.7812



1.1204, 0.5649, 0.6234

Previews

White Background



This preview shows how the XYZ color 30.6690, 31.8084, 68.1415 looks on a white background.

Color Contrast Check

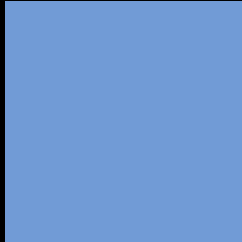
Large Text (above 18pt) WCAG AA × Fail

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 30.6690, 31.8084, 68.1415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

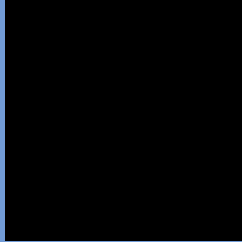
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

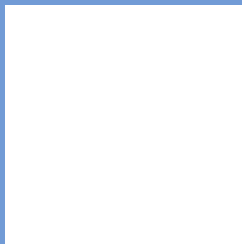
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6690, 31.8084, 68.1415

Background



This preview shows how black text looks on a background with the XYZ color 30.6690, 31.8084, 68.1415.

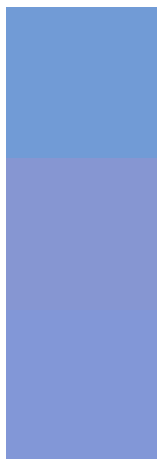


This preview shows how white text looks on a background with the XYZ color 30.6690, 31.8084,

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

30.6690, 31.8084, 68.1415

Protanopia

32.3707, 31.5342, 65.3533

Deuteranopia

32.5383, 31.7853, 68.7102



Tritanopia

26.0250, 31.7025, 45.3050

Trichromacy



Original Color

30.6690, 31.8084, 68.1415

Protanomaly

31.5903, 31.5952, 66.0615

Deuteranomaly

31.8062, 31.6479, 68.7223

Tritanomaly

27.4091, 31.4737, 52.7745

Monochromacy



Original Color

30.6690, 31.8084, 68.1415

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7628, 30.3846, 43.8840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6690, 31.8084, 68.1415 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, 155, 214)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 155, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 155, 214) }
```

Border

The CSS property to change the border of an element to XYZ 30.6690, 31.8084, 68.1415 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, 155, 214) }
```


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

```
.border{ border-color:rgb(113, 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(113, 155, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 155, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 155, 214);  
box-shadow:4px 4px 4px 4px rgb(113, 155,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6690, 31.8084, 68.1415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 155, 214) }
```

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

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