

Converting Colors

XYZ(31.1108, 30.2356, 73.3036)

Have a look what the booklet for
XYZ(31.1108, 30.2356, 73.3036)
contains.

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Color

**XYZ(31.1108, 30.2356,
73.3036)**

Conversions

Conversions Part 1

Format	Color
Hex	7594DE
RGB	117, 148, 222
RGB Percent	46%, 58%, 87%
CMY	0.5412, 0.4196, 0.1294
CMYK	0.47, 0.33, 0.00, 0.13
HSL	222°, 61%, 66%
HSV	222°, 47%, 87%
XYZ	31.1108, 30.2356, 73.3036
YIQ	147.1670, -42.2300, 16.4420

Conversions

Conversions Part 2

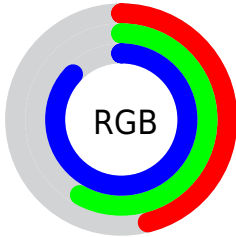
Format	Color
RYB	117, 141, 222
Decimal	7705822
CIELab	61.86, 8.99, -41.05
CIELCh	62, 42.025, 282.356
Yxy	30.2356, 0.2310, 0.2245
Android (android.graphics.Color)	4285895902 (0xFF7594DE)
YUV	147.1670, 36.8927, -26.4565
Hunter-Lab	54.9869, 4.7656, -40.5493

Details

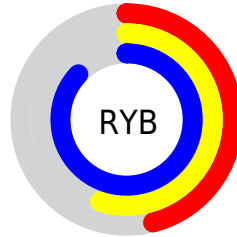
The XYZ color **31.1108, 30.2356, 73.3036** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **51.9671, 54.0772, 24.5300**, and the grayscale version is **27.6678, 29.1087, 31.6994**.

A 20% lighter version of the original color is **56.6261, 58.4597, 102.9071**, and **13.1141, 12.4492, 37.7881** is the 20% darker color. If you saturate the color by 10%, you get **26.1836, 24.2957, 72.4174**, and if you desaturate by 10%, it is **37.0792, 37.2058, 74.3350**.

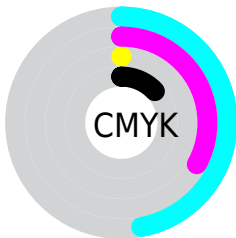
Distribution



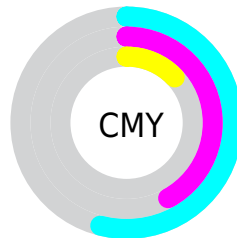
- Red (46%)
- Green (58%)
- Blue (87%)



- Red (46%)
- Yellow (55%)
- Blue (87%)



- Cyan (47%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (54%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1108, 30.2356, 73.3036 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 31.1108, 30.2356, 73.3036 by changing the saturation by 10% instead.

■ 31.1108, 30.2356,
73.3036

■ 31.1108, 30.2356,
73.3036

298.8662,
303.0011, 491.1653

■ 20.8355, 20.0175,
53.7309

■ 60.7891, 60.0346,
125.6330

■ 13.1156, 12.4078,
37.9949

■ 80.9228, 80.3842,
159.2268

■ 7.5857, 7.0220,
25.6769

■ 105.0734,
104.8798, 198.3315

■ 3.8806, 3.4759,
16.3585

133.6061,
133.9058, 243.3654

■ 1.6348, 1.3849,
9.6211

166.8864,
167.8465, 294.7472

■ 0.4149, 0.2056,
5.0462

205.2797,

■ 0.0000, 0.0000,

207.0863, 352.8955

2.2152

249.1511,
252.0098, 418.2286

■ 0.0000, 0.0000,
0.6831

■ 0.0000, 0.0000,
0.0000

■ 31.1108, 30.2356,
73.3036

■ 31.1108, 30.2356,
73.3036

■ 26.1836, 24.2957,
72.4174

■ 37.0792, 37.2058,
74.3350

■ 22.2303, 19.3302,
71.6673

■ 44.1437, 45.2514,
75.5156

■ 19.1802, 15.2822,
71.0467

■ 52.3593, 54.4190,
76.8521

■ 16.9509, 12.0868,
70.5474

■ 61.7760, 64.7511,
78.3501

■ 15.4360, 9.6646,
70.1597

■ 72.4410, 76.2880,
80.0148

■ 15.1064, 9.1169,
70.0714

■ 84.3988, 89.0678,
81.8514

■ 90.1849, 98.0540,
83.2809

Harmonies

Analogous

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



25.5883, 30.2356, 72.0519



31.1108, 30.2356, 73.3036



36.6429, 30.2356, 61.4641

Triad

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



31.1108, 30.2356, 73.3036



37.4773, 30.2356, 16.1745



19.6285, 30.2356, 24.4108

Complementary

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



31.1108, 30.2356, 73.3036



51.9671, 54.0772, 24.5300

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.



22.0606, 30.2356, 14.9509



31.1108, 30.2356, 73.3036



32.1362, 30.2356, 11.3725

Square

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



31.1108, 30.2356, 73.3036



40.6270, 30.2356, 26.7382



26.4891, 30.2356, 11.0129



19.4292, 30.2356, 39.9911

Rectangle

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



31.1108, 30.2356, 73.3036



39.4022, 30.2356, 49.4522



26.4891, 30.2356, 11.0129



20.1958, 30.2356, 20.5583

Sweetspot

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



31.1119, 30.2367, 73.3043



75.6059, 78.8310, 105.8388



42.8075, 59.7649, 58.2829



15.6054, 16.2367, 22.5614



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.



31.1119, 30.2367, 73.3043



35.7565, 33.1516, 99.1221



30.0286, 23.4012, 72.0421



13.2802, 13.8995, 17.3706



9.0571, 5.5837, 41.6488



0.7040, 0.5394, 2.9123

Inverse Universe

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



41.8318, 30.3916, 31.6793



52.4918, 34.6219, 33.8634



53.4205, 65.9452, 26.7442



13.8729, 13.7668, 15.1008



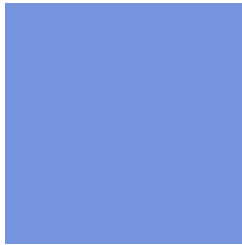
18.5118, 9.4717, 4.0949



1.3216, 0.6719, 0.4864

Previews

White Background



This preview shows how the XYZ color 31.1108, 30.2356, 73.3036 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 31.1108, 30.2356, 73.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

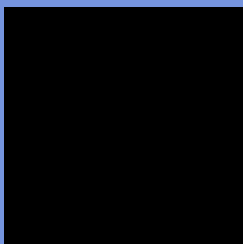
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

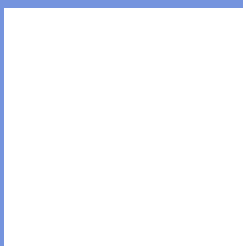
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.1108, 30.2356, 73.3036

Background



This preview shows how black text looks on a background with the XYZ color 31.1108, 30.2356, 73.3036.

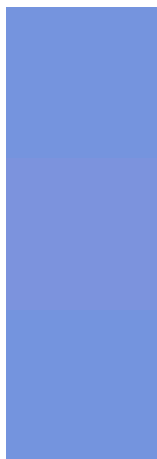


This preview shows how white text looks on a background with the XYZ color 31.1108, 30.2356,

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

31.1108, 30.2356, 73.3036

Protanopia

31.7970, 30.3730, 72.5933

Deuteranopia

30.9772, 30.1667, 73.2973



Tritanopia

25.0570, 30.2188, 43.0402

Trichromacy



Original Color

31.1108, 30.2356, 73.3036

Protanomaly

31.3700, 30.1528, 72.5733

Deuteranomaly

30.9772, 30.1667, 73.2973

Tritanomaly

26.9133, 29.9547, 53.0786

Monochromacy



Original Color

31.1108, 30.2356, 73.3036

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2270, 29.1577, 44.1847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1108, 30.2356, 73.3036 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(117, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 222)  
}
```

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(117, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 222) }
```

Border

The CSS property to change the border of an element to XYZ 31.1108, 30.2356, 73.3036 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(117, 148, 222) }
```


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

```
.border{ border-color:rgb(117, 148, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(117, 148,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1108, 30.2356, 73.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 222) }
```

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

```
.background{ background-color: rgb(117,  
148, 222) }
```

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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