

Converting Colors

XYZ(31.3714, 35.5143, 73.6090)

Have a look what the booklet for
XYZ(31.3714, 35.5143, 73.6090)
contains.

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Color

**XYZ(31.3682, 35.4499,
73.5958)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 5BA8DD |
| RGB | 91, 168, 221 |
| RGB Percent | 36%, 66%, 87% |
| CMY | 0.6431, 0.3412, 0.1333 |
| CMYK | 0.59, 0.24, 0.00, 0.13 |
| HSL | 204°, 66%, 61% |
| HSV | 204°, 59%, 87% |
| XYZ | 31.3682, 35.4499, 73.5958 |
| YIQ | 151.0190, -62.9050, 0.1590 |

Conversions

Conversions Part 2

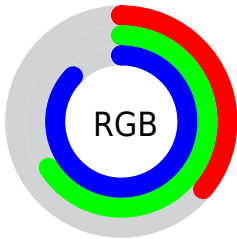
| Format | Color |
|-------------------------------------|--|
| RYB | 91, 139, 221 |
| Decimal | 6007005 |
| CIELab | 66.10, -8.34, -33.97 |
| CIELCh | 66, 34.981, 256.212 |
| Yxy | 35.4499, 0.2234, 0.2525 |
| Android (android.graphics.Color) | 4284197085 (0xFF5BA8DD) |
| YUV | 151.0190, 34.5006, -52.6367 |
| Hunter-Lab | 59.5398, -10.1530, -31.6091 |

Details

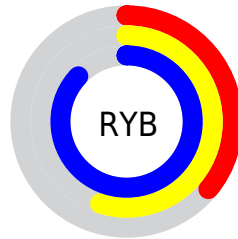
The XYZ color **31.3682, 35.4499, 73.5958** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **41.6818, 36.0759, 14.6656**, and the grayscale version is **29.3012, 30.8272, 33.5708**.

A 20% lighter version of the original color is **57.0154, 66.4794, 104.4345**, and **13.2799, 15.3221, 38.3339** is the 20% darker color. If you saturate the color by 10%, you get **27.8957, 31.2759, 72.9738**, and if you desaturate by 10%, it is **35.5998, 40.1876, 74.2879**.

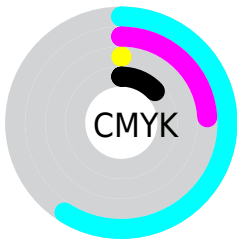
Distribution



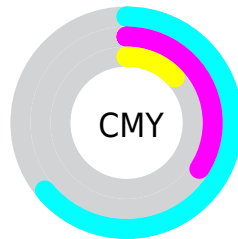
- Red (36%)
- Green (66%)
- Blue (87%)



- Red (36%)
- Yellow (55%)
- Blue (87%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (64%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3682, 35.4499, 73.5958 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 31.3682, 35.4499, 73.5958 by changing the saturation by 10% instead.

■ 31.3682, 35.4499,
73.5958

■ 31.3682, 35.4499,
73.5958

300.0277,
326.5497, 492.2032

■ 21.0326, 24.0096,
53.9685

■ 61.1912, 68.1822,
126.0514

■ 13.2604, 15.3408,
38.1835

■ 81.4093, 90.2429,
159.7168

■ 7.6864, 9.0589,
25.8222

■ 105.6523,
116.6127, 198.8986

■ 3.9450, 4.7796,
16.4661

■ 134.2855,
147.6758, 244.0154

■ 1.6711, 2.1185,
9.6967

167.6743,
183.8167, 295.4857

■ 0.4381, 0.6750,
5.0953

206.1840,

■ 0.0000, 0.0000,

225.4197, 353.7281

2.2436

250.1800,
272.8692, 419.1611

■ 0.0000, 0.0000,
0.6994

■ 0.0000, 0.0000,
0.0000

■ 31.3682, 35.4499,
73.5958

■ 31.3682, 35.4499,
73.5958

■ 27.8957, 31.2759,
72.9738

■ 35.5998, 40.1876,
74.2879

■ 25.1181, 27.6272,
72.4160

■ 40.6400, 45.5160,
75.0508

■ 22.9657, 24.4649,
71.9190

■ 46.5385, 51.4646,
75.8881

■ 21.3300, 21.7294,
71.4772

■ 53.3391, 58.0591,
76.8025

■ 21.1540, 21.4259,
71.4279

■ 61.0830, 65.3239,
77.7966

■ 69.8084, 73.2816,
78.8727

■ 79.5514, 81.9537,
80.0331

■ 85.4761, 88.8502,
81.0520

■ 88.1961, 94.2902,
81.9586

Harmonies

Analogous

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



27.2416, 35.4499, 63.1626



31.3682, 35.4499, 73.5958



36.5615, 35.4499, 73.1152

Triad

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



31.3682, 35.4499, 73.5958



44.2287, 35.4499, 31.1479



26.9831, 35.4499, 21.9894

Complementary

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



31.3682, 35.4499, 73.5958



41.6818, 36.0759, 14.6656

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.



30.9806, 35.4499, 17.1247



31.3682, 35.4499, 73.5958



41.0925, 35.4499, 21.4065

Square

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



31.3682, 35.4499, 73.5958



44.3599, 35.4499, 45.8291



36.1322, 35.4499, 16.9432



24.8915, 35.4499, 32.1722

Rectangle

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



31.3682, 35.4499, 73.5958



39.9487, 35.4499, 66.5985



36.1322, 35.4499, 16.9432



28.1289, 35.4499, 19.8073

Sweetspot

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



31.3694, 35.4512, 73.5967



74.4508, 80.9460, 106.3079



35.1300, 55.9212, 34.9308



15.3111, 16.7290, 22.6720



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.



31.3694, 35.4512, 73.5967



37.4319, 41.7973, 100.7026



22.3173, 17.3469, 70.5793



12.9766, 13.8929, 16.6498



12.4025, 12.6745, 41.5311



0.8874, 0.9889, 2.7186

Inverse Universe

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



40.6289, 25.6829, 39.8629



52.0450, 29.4947, 46.7661



54.2640, 61.2402, 18.8597



13.3780, 13.1803, 15.2520



19.7556, 9.9033, 13.6247



1.3222, 0.6585, 1.1057

Previews

White Background



This preview shows how the XYZ color 31.3682, 35.4499, 73.5958 looks on a white background.

Color Contrast Check

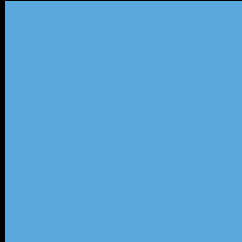
Large Text (above 18pt) WCAG AA × Fail

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 31.3682, 35.4499, 73.5958 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

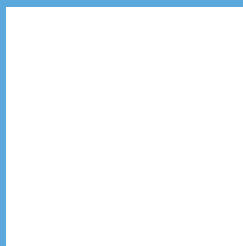
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3682, 35.4499, 73.5958

Background



This preview shows how black text looks on a background with the XYZ color 31.3682, 35.4499, 73.5958.

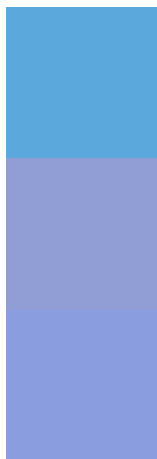


This preview shows how white text looks on a background with the XYZ color 31.3682, 35.4499,

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

31.3682, 35.4499, 73.5958

Protanopia

35.7387, 35.1871, 67.8589

Deuteranopia

36.0274, 35.1847, 74.7045



Tritanopia

27.2737, 35.4807, 52.9879

Trichromacy



Original Color

31.3682, 35.4499, 73.5958

Protanomaly

33.7724, 35.1585, 69.9720

Deuteranomaly

33.9903, 35.1795, 74.1061

Tritanomaly

28.6575, 35.4690, 59.9794

Monochromacy



Original Color

31.3682, 35.4499, 73.5958

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.9467, 31.9157, 45.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3682, 35.4499, 73.5958 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(91, 168, 221)` looks like.

```
.text, #text, p{  
    color:rgb(91, 168, 221)  
}
```

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(91, 168, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 168, 221) }
```

Border

The CSS property to change the border of an element to XYZ 31.3682, 35.4499, 73.5958 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(91, 168, 221) }
```


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

```
.border{ border-color:rgb(91, 168, 221) }
```

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

Here you see how a box with a 4 pixel rgb(91, 168, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 168, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 168, 221);  
box-shadow:4px 4px 4px 4px rgb(91, 168,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3682, 35.4499, 73.5958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 168, 221) }
```

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

```
.background{ background-color: rgb(91, 168,  
221) }
```

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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