

Converting Colors

XYZ(30.4086, 31.7372, 60.9449)

Have a look what the booklet for
XYZ(30.4086, 31.7372, 60.9449)
contains.

XYZ(30.5269, 31.8921, 61.0468)	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(30.5269, 31.8921,
61.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9BCB
RGB	122, 155, 203
RGB Percent	48%, 61%, 80%
CMY	0.5216, 0.3921, 0.2039
CMYK	0.40, 0.24, 0.00, 0.20
HSL	216°, 44%, 64%
HSV	216°, 40%, 80%
XYZ	30.5269, 31.8921, 61.0468
YIQ	150.6050, -35.0760, 7.9320

Conversions

Conversions Part 2

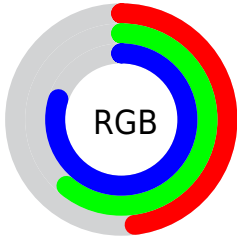
Format	Color
R_{YB}	122, 145, 203
Decimal	8035275
CIE Lab	63.25, 0.80, -28.27
CIE LCh	63, 28.284, 271.628
Yxy	31.8921, 0.2472, 0.2583
Android (android.graphics.Color)	4286225355 (0xFF7A9BCB)
YUV	150.6050, 25.8307, -25.0866
Hunter-Lab	56.4731, -2.3386, -24.5607

Details

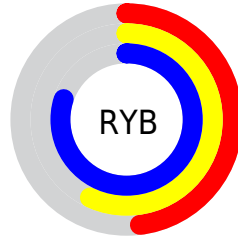
The XYZ color **30.5269, 31.8921, 61.0468** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.5170, 42.8520, 24.4439**, and the grayscale version is **29.1517, 30.6699, 33.3995**.

A 20% lighter version of the original color is **58.9819, 62.1680, 103.4987**, and **12.8294, 13.3358, 30.3316** is the 20% darker color. If you saturate the color by 10%, you get **26.0440, 26.7562, 60.2923**, and if you desaturate by 10%, it is **35.8118, 37.7388, 61.8974**.

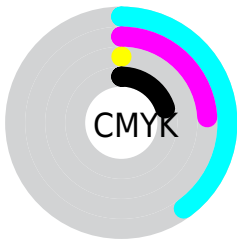
Distribution



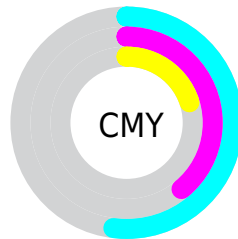
- Red (48%)
- Green (61%)
- Blue (80%)



- Red (48%)
- Yellow (57%)
- Blue (80%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5269, 31.8921, 61.0468 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 30.5269, 31.8921, 61.0468 by changing the saturation by 10% instead.

■ 30.5269, 31.8921,
61.0468

■ 30.5269, 31.8921,
61.0468

296.2187,
310.6274, 446.3569

■ 20.3889, 21.2791,
43.8321

■ 59.8754, 62.6419,
107.9049

■ 12.7880, 13.3282,
30.2023

■ 79.8166, 83.5475,
138.3854

■ 7.3587, 7.6549,
19.7389

■ 103.7562,
108.6527, 174.1249

■ 3.7357, 3.8749,
12.0232

132.0597,
138.3420, 215.5420

■ 1.5537, 1.6039,
6.6367

165.0923,
172.9997, 263.0552

■ 0.3620, 0.3602,
3.1610

203.2195,

■ 0.0000, 0.0000,

213.0103, 317.0831

1.1774

246.8065,
258.7580, 378.0441

■ 0.0000, 0.0000,
0.0000

■ 30.5269, 31.8921,
61.0468

■ 30.5269, 31.8921,
61.0468

■ 26.0440, 26.7562,
60.2923

■ 35.8118, 37.7388,
61.8974

■ 22.3163, 22.2965,
59.6280

■ 41.9354, 44.3217,
62.8452

■ 19.2970, 18.4804,
59.0505

■ 48.9360, 51.6689,
63.8944

■ 16.9319, 15.2705,
58.5556

■ 56.8484, 59.8062,
65.0480

■ 15.1576, 12.6242,
58.1383

■ 65.7054, 68.7577,
66.3091

■ 13.8620, 10.4730,
57.7914

■ 75.5384, 78.5469,
67.6803

■ 13.8503, 10.4533,
57.7882

■ 82.9476, 87.4279,
69.0040

■ 86.5917, 94.7160,
70.2187

■ 87.7796, 97.0918,
70.6146

Harmonies

Analogous

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



26.8736, 31.8921, 57.3633



30.5269, 31.8921, 61.0468



34.4347, 31.8921, 56.5115

Triad

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



30.5269, 31.8921, 61.0468



37.1860, 31.8921, 24.6003



24.1586, 31.8921, 25.4532

Complementary

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



30.5269, 31.8921, 61.0468



42.5170, 42.8520, 24.4439

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.



26.5331, 31.8921, 19.4105



30.5269, 31.8921, 61.0468



34.0329, 31.8921, 18.9978

Square

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



30.5269, 31.8921, 61.0468



38.4787, 31.8921, 34.1160



30.0991, 31.8921, 17.3228



23.3920, 31.8921, 35.3413

Rectangle

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



30.5269, 31.8921, 61.0468



36.6068, 31.8921, 49.9043



30.0991, 31.8921, 17.3228



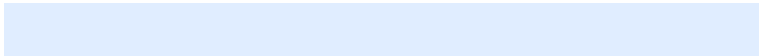
24.7845, 31.8921, 22.9857

Sweetspot

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



30.5280, 31.8933, 61.0476



79.1602, 83.6225, 106.5763



36.5678, 49.7242, 45.3307



16.6026, 17.5424, 22.7609



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.



30.5280, 31.8933, 61.0476



44.4836, 45.8216, 101.1077



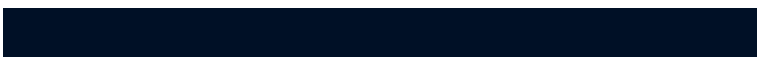
26.7554, 22.8796, 59.5066



10.9708, 11.5820, 14.2277



8.8987, 6.8214, 36.8039



0.5331, 0.4999, 1.9233

Inverse Universe

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



37.5055, 28.9832, 34.6292



58.0647, 41.3225, 49.4252



47.6996, 55.8870, 26.6867



11.3986, 11.2882, 12.6337



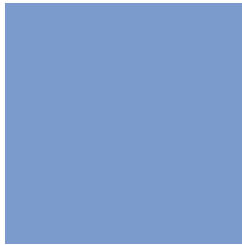
16.7026, 8.4916, 6.1524



0.8990, 0.4530, 0.5141

Previews

White Background



This preview shows how the XYZ color 30.5269, 31.8921, 61.0468 looks on a white background.

Color Contrast Check

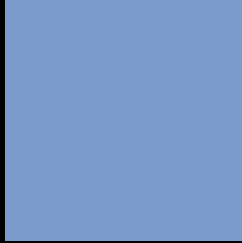
Large Text (above 18pt) WCAG AA × Fail

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 30.5269, 31.8921, 61.0468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

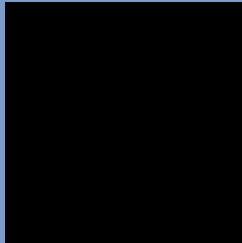
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

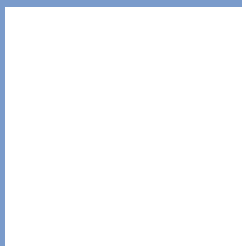
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5269, 31.8921, 61.0468

Background



This preview shows how black text looks on a background with the XYZ color 30.5269, 31.8921, 61.0468.

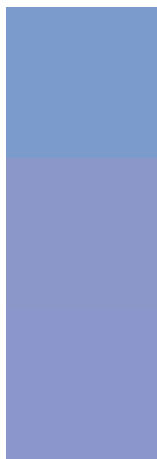


This preview shows how white text looks on a background with the XYZ color 30.5269, 31.8921,

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

30.5269, 31.8921, 61.0468

Protanopia

32.1394, 31.7923, 59.0862

Deuteranopia

32.4529, 31.6613, 61.5275



Tritanopia

27.0531, 31.7361, 44.2350

Trichromacy



Original Color

30.5269, 31.8921, 61.0468

Protanomaly

31.4437, 31.6601, 59.7121

Deuteranomaly

31.8002, 31.8027, 61.5892

Tritanomaly

28.2147, 31.6963, 49.9783

Monochromacy



Original Color

30.5269, 31.8921, 61.0468

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2992, 30.9342, 42.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5269, 31.8921, 61.0468 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(122, 155, 203)` looks like.

```
.text, #text, p{  
    color:rgb(122, 155, 203)  
}
```

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(122, 155, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 155, 203) }
```

Border

The CSS property to change the border of an element to XYZ 30.5269, 31.8921, 61.0468 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(122, 155, 203) }
```


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

```
.border{ border-color:rgb(122, 155, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 155, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 155, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 155, 203);  
box-shadow:4px 4px 4px 4px rgb(122, 155,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5269, 31.8921, 61.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 155, 203) }
```

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

```
.background{ background-color: rgb(122,  
155, 203) }
```

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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