

Converting Colors

XYZ(30.7563, 32.9324, 76.7994)

Have a look what the booklet for
XYZ(30.7563, 32.9324, 76.7994)
contains.

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Color

**XYZ(30.7119, 32.9079,
76.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA0E2
RGB	92, 160, 226
RGB Percent	36%, 63%, 89%
CMY	0.6392, 0.3725, 0.1137
CMYK	0.59, 0.29, 0.00, 0.11
HSL	210°, 70%, 62%
HSV	210°, 59%, 89%
XYZ	30.7119, 32.9079, 76.6847
YIQ	147.1920, -61.7140, 6.1100

Conversions

Conversions Part 2

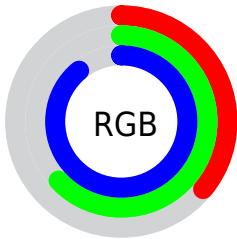
Format	Color
R _Y B	92, 137, 226
Decimal	6070498
CIE Lab	64.09, -2.10, -39.86
CIE LCh	64, 39.918, 266.991
Yxy	32.9079, 0.2189, 0.2345
Android (android.graphics.Color)	4284260578 (0xFF5CA0E2)
YUV	147.1920, 38.8523, -48.4034
Hunter-Lab	57.3654, -4.8254, -39.1017

Details

The XYZ color **30.7119, 32.9079, 76.6847** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **45.5242, 41.3974, 15.7179**, and the grayscale version is **27.6764, 29.1177, 31.7092**.

A 20% lighter version of the original color is **55.2993, 62.4963, 103.7561**, and **12.8760, 13.9177, 40.0380** is the 20% darker color. If you saturate the color by 10%, you get **26.9378, 28.2251, 75.9804**, and if you desaturate by 10%, it is **35.3344, 38.2857, 77.4797**.

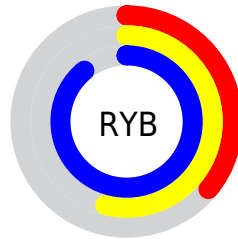
Distribution



Red (36%)

Green (63%)

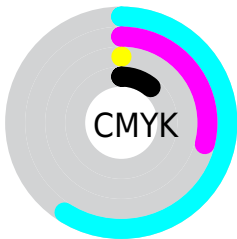
Blue (89%)



Red (36%)

Yellow (54%)

Blue (89%)

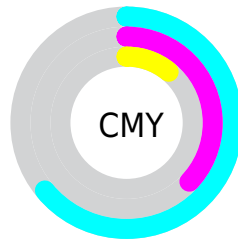


Cyan (59%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7119, 32.9079, 76.6847 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 30.7119, 32.9079, 76.6847 by changing the saturation by 10% instead.

■ 30.7119, 32.9079,
76.6847

■ 30.7119, 32.9079,
76.6847

297.0595,
315.2345, 503.0974

■ 20.5303, 22.0559,
56.4841

■ 60.1651, 64.2317,
130.4633

■ 12.8916, 13.8980,
40.1846

■ 80.1675, 85.4723,
164.8783

■ 7.4304, 8.0497,
27.3676

■ 104.1742,
110.9446, 204.8686

■ 3.7814, 4.1268,
17.6146

■ 132.5505,
141.0329, 250.8526

■ 1.5792, 1.7447,
10.5071

165.6618,
176.1216, 303.2490

■ 0.3788, 0.4524,
5.6265

203.8735,

■ 0.0000, 0.0000,

216.5952, 362.4762

2.5542

247.5510,
262.8381, 428.9529

■ 0.0000, 0.0000,
0.8687

■ 0.0000, 0.0000,
0.0000

■ 30.7119, 32.9079,
76.6847

■ 30.7119, 32.9079,
76.6847

■ 26.9378, 28.2251,
75.9804

■ 35.3344, 38.2857,
77.4797

■ 23.9420, 24.1929,
75.3600

■ 40.8605, 44.3917,
78.3671

■ 21.6479, 20.7652,
74.8193

■ 47.3442, 51.2605,
79.3512

■ 19.9328, 17.8716,
74.3512

■ 54.8341, 58.9233,
80.4355

■ 19.8224, 17.6806,
74.3201

■ 63.3754, 67.4092,
81.6232

■ 73.0104, 76.7454,
82.9175

■ 83.7787, 86.9581,
84.3212

■ 88.8605, 94.5368,
85.5162

■ 90.7276, 98.2710,
86.1385

Harmonies

Analogous

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



25.7315, 32.9079, 68.7187



30.7119, 32.9079, 76.6847



36.4656, 32.9079, 71.2673

Triad

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



30.7119, 32.9079, 76.6847



41.9772, 32.9079, 23.4969



23.0326, 32.9079, 21.4284

Complementary

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



30.7119, 32.9079, 76.6847



45.5242, 41.3974, 15.7179

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.



26.6073, 32.9079, 14.6612



30.7119, 32.9079, 76.6847



37.5692, 32.9079, 15.5787

Square

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



30.7119, 32.9079, 76.6847



43.4131, 32.9079, 37.4870



31.8510, 32.9079, 12.8953



21.6454, 32.9079, 34.2247

Rectangle

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



30.7119, 32.9079, 76.6847



39.9024, 32.9079, 61.4825



31.8510, 32.9079, 12.8953



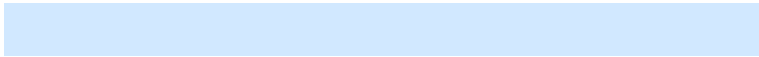
23.9955, 32.9079, 18.5394

Sweetspot

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



30.7131, 32.9091, 76.6855



73.3399, 78.7240, 105.9376



37.6772, 59.0954, 41.2165



15.0401, 16.1869, 22.5816



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.



30.7131, 32.9091, 76.6855



34.4744, 35.8823, 99.7167



22.1660, 15.8149, 73.8365



13.5241, 14.3873, 17.4519



11.4277, 10.3250, 42.4390



0.8817, 0.8948, 2.9715

Inverse Universe

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



41.5374, 26.3625, 36.1579



50.5522, 28.8976, 38.9051



59.8897, 70.1283, 20.5064



13.9960, 13.8160, 15.7491



19.7084, 9.9504, 10.3961



1.4113, 0.7078, 0.9587

Previews

White Background



This preview shows how the XYZ color 30.7119, 32.9079, 76.6847 looks on a white background.

Color Contrast Check

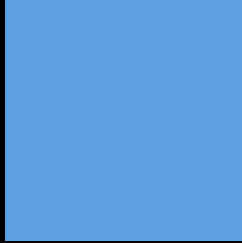
Large Text (above 18pt) WCAG AA × Fail

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 30.7119, 32.9079, 76.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

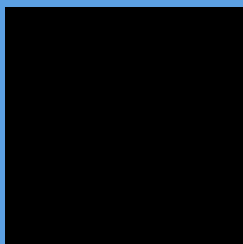
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

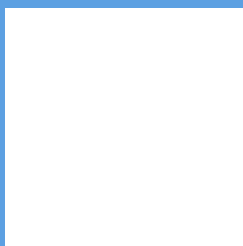
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7119, 32.9079, 76.6847

Background



This preview shows how black text looks on a background with the XYZ color 30.7119, 32.9079, 76.6847.

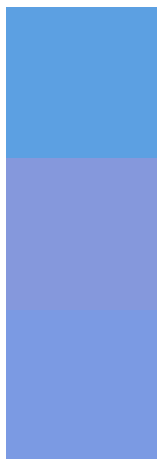


This preview shows how white text looks on a background with the XYZ color 30.7119, 32.9079,

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

30.7119, 32.9079, 76.6847

Protanopia

33.8194, 32.6103, 72.2221

Deuteranopia

33.5891, 32.8682, 77.2469



Tritanopia

25.1938, 32.7991, 49.2590

Trichromacy



Original Color

30.7119, 32.9079, 76.6847

Protanomaly

32.3774, 32.5682, 73.6871

Deuteranomaly

32.4357, 32.7677, 77.2883

Tritanomaly

26.9564, 32.6930, 58.3157

Monochromacy



Original Color

30.7119, 32.9079, 76.6847

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.8171, 30.1031, 45.4187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7119, 32.9079, 76.6847 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(92, 160, 226)` looks like.

```
.text, #text, p{  
    color:rgb(92, 160, 226)  
}
```

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(92, 160, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 160, 226) }
```

Border

The CSS property to change the border of an element to XYZ 30.7119, 32.9079, 76.6847 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(92, 160, 226) }
```


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

```
.border{ border-color:rgb(92, 160, 226) }
```

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

Here you see how a box with a 4 pixel rgb(92, 160, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 160, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 160, 226);  
box-shadow:4px 4px 4px 4px rgb(92, 160,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7119, 32.9079, 76.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 160, 226) }
```

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

```
.background{ background-color: rgb(92, 160,  
226) }
```

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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