

Converting Colors

XYZ(30.9134, 32.5196, 64.3221)

Have a look what the booklet for
XYZ(30.9134, 32.5196, 64.3221)
contains.

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Color

**XYZ(30.9134, 32.5196,
64.3221)**

Conversions

Conversions Part 1

Format	Color
Hex	769DD0
RGB	118, 157, 208
RGB Percent	46%, 62%, 82%
CMY	0.5372, 0.3843, 0.1843
CMYK	0.43, 0.25, 0.00, 0.18
HSL	214°, 49%, 64%
HSV	214°, 43%, 82%
XYZ	30.9134, 32.5196, 64.3221
YIQ	151.1530, -39.6150, 7.5930

Conversions

Conversions Part 2

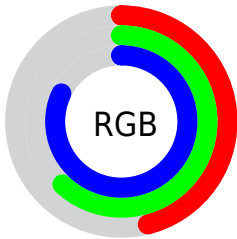
Format	Color
RYB	118, 145, 208
Decimal	7773648
CIELab	63.77, 0.02, -30.28
CIELCh	64, 30.280, 270.032
Yxy	32.5196, 0.2420, 0.2545
Android (android.graphics.Color)	4285963728 (0xFF769DD0)
YUV	151.1530, 28.0256, -29.0752
Hunter-Lab	57.0260, -3.0317, -26.9576

Details

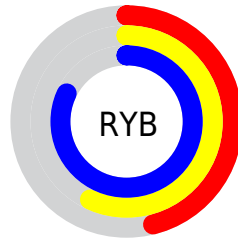
The XYZ color **30.9134, 32.5196, 64.3221** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **43.4714, 43.0950, 23.1679**, and the grayscale version is **29.3778, 30.9077, 33.6585**.

A 20% lighter version of the original color is **58.5778, 62.6928, 103.6213**, and **12.9537, 13.6647, 32.0918** is the 20% darker color. If you saturate the color by 10%, you get **26.4953, 27.4236, 63.5719**, and if you desaturate by 10%, it is **36.1489, 38.3239, 65.1671**.

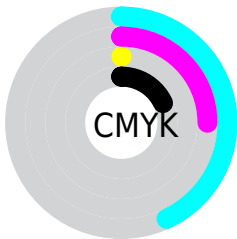
Distribution



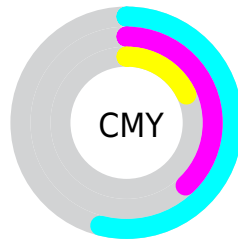
- Red (46%)
- Green (62%)
- Blue (82%)



- Red (46%)
- Yellow (57%)
- Blue (82%)



- Cyan (43%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9134, 32.5196, 64.3221 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 30.9134, 32.5196, 64.3221 by changing the saturation by 10% instead.

■ 30.9134, 32.5196,
64.3221

■ 30.9134, 32.5196,
64.3221

297.9732,
313.4794, 458.5912

■ 20.6844, 21.7587,
46.4638

■ 60.4805, 63.6248,
112.6786

■ 13.0047, 13.6797,
32.2606

■ 80.5493, 84.7378,
144.0139

■ 7.5088, 7.8982,
21.2942

■ 104.6287,
110.0704, 180.6785

■ 3.8314, 4.0299,
13.1459

133.0842,
140.0068, 223.0910

■ 1.6072, 1.6903,
7.3972

166.2810,
174.9316, 271.6700

■ 0.3971, 0.4174,
3.6295

204.5845,

■ 0.0000, 0.0000,

215.2290, 326.8340

1.4244

248.3601,
261.2835, 389.0016

■ 0.0000, 0.0000,
0.1606

■ 0.0000, 0.0000,
0.0000

■ 30.9134, 32.5196,
64.3221

■ 30.9134, 32.5196,
64.3221

■ 26.4953, 27.4236,
63.5719

■ 36.1489, 38.3239,
65.1671

■ 22.8444, 23.0000,
62.9105

■ 42.2414, 44.8626,
66.1081

■ 19.9098, 19.2149,
62.3346

■ 49.2314, 52.1649,
67.1492

■ 17.6322, 16.0288,
61.8396

■ 57.1562, 60.2569,
68.2934

■ 15.9406, 13.3958,
61.4206

■ 66.0505, 69.1636,
69.5438

■ 15.0527, 11.8890,
61.1765

■ 75.9474, 78.9087,
70.9031

■ 83.6413, 87.8461,
72.2227

■ 87.2152, 94.9940,
73.4140

■ 88.3853, 97.3341,
73.8041

Harmonies

Analogous

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



27.0066, 32.5196, 59.7783



30.9134, 32.5196, 64.3221



35.1786, 32.5196, 59.7600

Triad

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



30.9134, 32.5196, 64.3221



38.5314, 32.5196, 24.9460



24.3606, 32.5196, 24.9637

Complementary

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



30.9134, 32.5196, 64.3221



43.4714, 43.0950, 23.1679

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.



26.9995, 32.5196, 18.7751



30.9134, 32.5196, 64.3221



35.1701, 32.5196, 18.7667

Square

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



30.9134, 32.5196, 64.3221



39.8152, 32.5196, 35.3954



30.9044, 32.5196, 16.7925



23.4409, 32.5196, 35.4212

Rectangle

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



30.9134, 32.5196, 64.3221



37.5993, 32.5196, 52.6561



30.9044, 32.5196, 16.7925



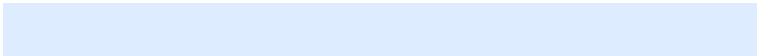
25.0634, 32.5196, 22.4098

Sweetspot

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



30.9145, 32.5208, 64.3229



78.1857, 82.8407, 106.4768



37.1895, 51.8287, 45.5811



16.1774, 17.1543, 22.7084



0.0000, 0.0000, 0.0000



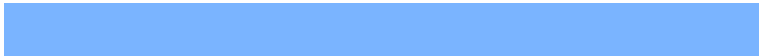
20.3446, 21.4041, 23.3091

Same Dimension

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



30.9145, 32.5208, 64.3229



42.4258, 43.9728, 100.8593



26.1770, 21.7974, 62.5027



11.5790, 12.2483, 14.9975



9.4738, 7.5942, 38.1590



0.6079, 0.5810, 2.1597

Inverse Universe

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



38.5777, 28.8023, 35.4256



56.4727, 38.5671, 47.5729



50.1838, 58.9770, 25.8796



12.0184, 11.8921, 13.3727



17.4127, 8.8379, 7.0793



1.0131, 0.5099, 0.6037

Previews

White Background



This preview shows how the XYZ color 30.9134, 32.5196, 64.3221 looks on a white background.

Color Contrast Check

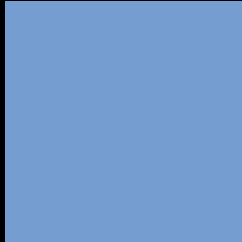
Large Text (above 18pt) WCAG AA × Fail

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 30.9134, 32.5196, 64.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

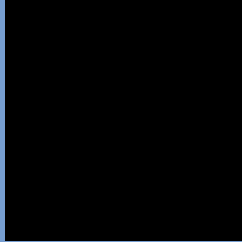
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

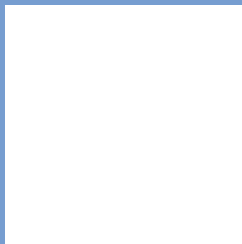
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9134, 32.5196, 64.3221

Background



This preview shows how black text looks on a background with the XYZ color 30.9134, 32.5196, 64.3221.

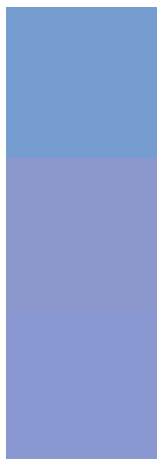


This preview shows how white text looks on a background with the XYZ color 30.9134, 32.5196,

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

30.9134, 32.5196, 64.3221

Protanopia

32.9425, 32.3916, 61.6427

Deuteranopia

33.2181, 32.4632, 64.8368



Tritanopia

27.2403, 32.5802, 45.9272

Trichromacy



Original Color

30.9134, 32.5196, 64.3221

Protanomaly

32.0908, 32.4245, 62.3248

Deuteranomaly

32.4243, 32.5399, 64.8935

Tritanomaly

28.5041, 32.5653, 52.3604

Monochromacy



Original Color

30.9134, 32.5196, 64.3221

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4851, 31.2500, 43.5075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9134, 32.5196, 64.3221 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(118, 157, 208)` looks like.

```
.text, #text, p{  
    color:rgb(118, 157, 208)  
}
```

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(118, 157, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 157, 208) }
```

Border

The CSS property to change the border of an element to XYZ 30.9134, 32.5196, 64.3221 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(118, 157, 208) }
```


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

```
.border{ border-color:rgb(118, 157, 208) }
```

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

Here you see how a box with a 4 pixel rgb(118, 157, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 157, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 157, 208);  
box-shadow:4px 4px 4px 4px rgb(118, 157,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9134, 32.5196, 64.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 157, 208) }
```

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

```
.background{ background-color: rgb(118,  
157, 208) }
```

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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