

Converting Colors

XYZ(32.6066, 34.4323, 63.9301)

Have a look what the booklet for
XYZ(32.6066, 34.4323, 63.9301)
contains.

XYZ(32.6115, 34.4304, 63.9584)	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(32.6115, 34.4304,
63.9584)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA1CF
RGB	126, 161, 207
RGB Percent	49%, 63%, 81%
CMY	0.5059, 0.3686, 0.1882
CMYK	0.39, 0.22, 0.00, 0.19
HSL	214°, 46%, 65%
HSV	214°, 39%, 81%
XYZ	32.6115, 34.4304, 63.9584
YIQ	155.7790, -35.6260, 6.8860

Conversions

Conversions Part 2

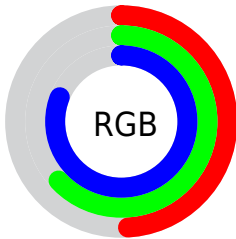
Format	Color
RYB	126, 150, 207
Decimal	8298959
CIELab	65.30, -0.41, -27.32
CIELCh	65, 27.324, 269.149
Yxy	34.4304, 0.2489, 0.2628
Android (android.graphics.Color)	4286489039 (0xFF7EA1CF)
YUV	155.7790, 25.2520, -26.1162
Hunter-Lab	58.6774, -3.4795, -23.5519

Details

The XYZ color **32.6115, 34.4304, 63.9584** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **44.2512, 44.2773, 25.9538**, and the grayscale version is **31.4049, 33.0404, 35.9810**.

A 20% lighter version of the original color is **61.6619, 66.1555, 104.1271**, and **13.9911, 14.8353, 31.8319** is the 20% darker color. If you saturate the color by 10%, you get **27.9106, 29.1001, 63.1779**, and if you desaturate by 10%, it is **38.1393, 40.4753, 64.8344**.

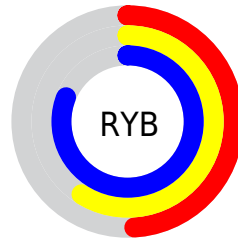
Distribution



Red (49%)

Green (63%)

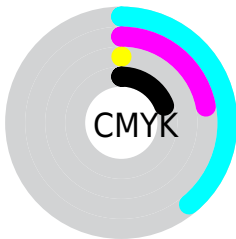
Blue (81%)



Red (49%)

Yellow (59%)

Blue (81%)

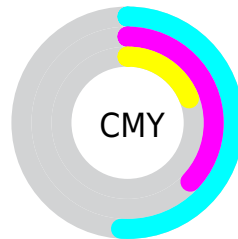


Cyan (39%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (51%)

Magenta (37%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6115, 34.4304, 63.9584 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 32.6115, 34.4304, 63.9584 by changing the saturation by 10% instead.

■ 32.6115, 34.4304,
63.9584

■ 32.6115, 34.4304,
63.9584

305.5915,
322.0470, 457.2427

■ 21.9868, 23.2244,
46.1710

■ 63.1273, 66.6024,
112.1499

■ 13.9638, 14.7593,
32.0312

■ 83.7490, 88.3373,
143.3911

■ 8.1770, 8.6506,
21.1203

■ 108.4339,
114.3505, 179.9540

■ 4.2612, 4.5140,
13.0199

137.5471,
145.0266, 222.2571

■ 1.8509, 1.9651,
7.3113

171.4542,
180.7499, 270.7190

■ 0.5481, 0.5870,
3.5762

210.5203,

■ 0.0000, 0.0000,

221.9048, 325.7582

1.3958

255.1110,
268.8757, 387.7933

■ 0.0000, 0.0000,
0.1385

■ 0.0000, 0.0000,
0.0000

■ 32.6115, 34.4304,
63.9584

■ 32.6115, 34.4304,
63.9584

■ 27.9106, 29.1001,
63.1779

■ 38.1393, 40.4753,
64.8344

■ 23.9888, 24.4494,
62.4870

■ 44.5317, 47.2594,
65.8070

■ 20.7979, 20.4463,
61.8825

■ 51.8278, 54.8109,
66.8800

■ 18.2826, 17.0535,
61.3602

■ 60.0634, 63.1554,
68.0566

■ 16.3783, 14.2287,
60.9153

■ 69.2721, 72.3169,
69.3396

■ 14.9812, 11.9087,
60.5411

■ 79.4859, 82.3186,
70.7318

■ 14.8723, 11.7245,
60.5113

■ 84.6402, 90.0403,
71.9506

■ 88.2626, 97.2850,
73.1581

Harmonies

Analogous

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



28.9546, 34.4304, 59.6343



32.6115, 34.4304, 63.9584



36.5969, 34.4304, 60.0791

Triad

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



32.6115, 34.4304, 63.9584



39.8758, 34.4304, 27.7926



26.5836, 34.4304, 27.3332

Complementary

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



32.6115, 34.4304, 63.9584



44.2512, 44.2773, 25.9538

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.



29.1364, 34.4304, 21.4173



32.6115, 34.4304, 63.9584



36.8094, 34.4304, 21.6423

Square

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



32.6115, 34.4304, 63.9584



40.9910, 34.4304, 37.8154



32.8389, 34.4304, 19.5637



25.6525, 34.4304, 37.1642

Rectangle

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



32.6115, 34.4304, 63.9584



38.8633, 34.4304, 53.7340



32.8389, 34.4304, 19.5637



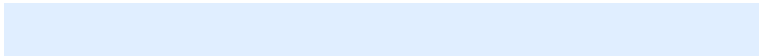
27.2698, 34.4304, 24.9002

Sweetspot

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



32.6126, 34.4317, 63.9592



79.3794, 84.0608, 106.6494



38.3546, 52.0367, 47.0029



16.6541, 17.6453, 22.7781



0.0000, 0.0000, 0.0000



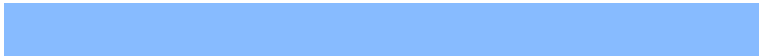
20.3446, 21.4041, 23.3091

Same Dimension

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



32.6126, 34.4317, 63.9592



45.8231, 47.8979, 101.4378



28.1464, 24.2850, 62.2361



11.5778, 12.2459, 14.9971



9.4603, 7.5673, 38.1545



0.6071, 0.5794, 2.1594

Inverse Universe

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



39.6269, 30.7613, 37.5686



58.8880, 42.2151, 52.0238



50.3285, 58.6335, 28.4045



12.0178, 11.8919, 13.3695



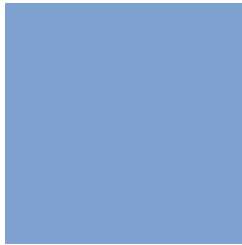
17.4059, 8.8352, 7.0435



1.0127, 0.5098, 0.6016

Previews

White Background



This preview shows how the XYZ color 32.6115, 34.4304, 63.9584 looks on a white background.

Color Contrast Check

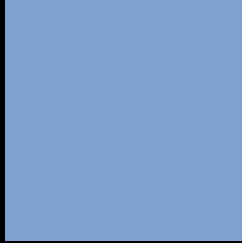
Large Text (above 18pt) WCAG AA × Fail

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 32.6115, 34.4304, 63.9584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

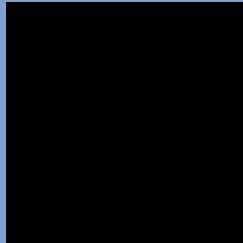
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

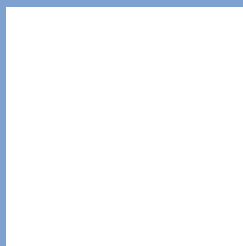
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6115, 34.4304, 63.9584

Background



This preview shows how black text looks on a background with the XYZ color 32.6115, 34.4304, 63.9584.



This preview shows how white text looks on a background with the XYZ color 32.6115, 34.4304,

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

32.6115, 34.4304, 63.9584

Protanopia

34.6416, 34.2476, 61.9114

Deuteranopia

35.1277, 34.4420, 64.4710



Tritanopia

29.3807, 34.4490, 47.7486

Trichromacy



Original Color

32.6115, 34.4304, 63.9584

Protanomaly

33.8938, 34.3505, 62.6015

Deuteranomaly

34.2595, 34.4968, 64.5274

Tritanomaly

30.4868, 34.3626, 53.1699

Monochromacy



Original Color

32.6115, 34.4304, 63.9584

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.6418, 33.5686, 45.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6115, 34.4304, 63.9584 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(126, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(126, 161, 207)  
}
```

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(126, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 161, 207) }
```

Border

The CSS property to change the border of an element to XYZ 32.6115, 34.4304, 63.9584 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(126, 161, 207) }
```


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

```
.border{ border-color:rgb(126, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 161, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 161, 207);  
box-shadow:4px 4px 4px 4px rgb(126, 161,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6115, 34.4304, 63.9584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 161, 207) }
```

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

```
.background{ background-color: rgb(126,  
161, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor