

Converting Colors

XYZ(34.4809, 34.0472, 62.8279)

Have a look what the booklet for
XYZ(34.4809, 34.0472, 62.8279)
contains.

XYZ(34.4095, 34.1140, 62.5287)	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(34.4095, 34.1140,
62.5287)**

Conversions

Conversions Part 1

Format	Color
Hex	909CCD
RGB	144, 156, 205
RGB Percent	56%, 61%, 80%
CMY	0.4353, 0.3882, 0.1961
CMYK	0.30, 0.24, 0.00, 0.20
HSL	228°, 38%, 68%
HSV	228°, 30%, 80%
XYZ	34.4095, 34.1140, 62.5287
YIQ	157.9980, -22.8810, 12.6950

Conversions

Conversions Part 2

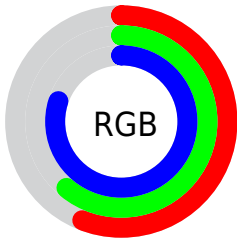
Format	Color
RYB	144, 154, 205
Decimal	9477325
CIELab	65.05, 6.99, -26.49
CIELCh	65, 27.400, 284.778
Yxy	34.1140, 0.2626, 0.2603
Android (android.graphics.Color)	4287667405 (0xFF909CCD)
YUV	157.9980, 23.1720, -12.2762
Hunter-Lab	58.4072, 2.9473, -22.5888

Details

The XYZ color **34.4095, 34.1140, 62.5287** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2814, 53.1331, 34.0450**, and the grayscale version is **32.4051, 34.0927, 37.1269**.

A 20% lighter version of the original color is **64.6498, 65.4553, 103.8345**, and **15.0511, 14.6128, 31.3054** is the 20% darker color. If you saturate the color by 10%, you get **28.5705, 27.2768, 61.5173**, and if you desaturate by 10%, it is **41.2756, 42.0383, 63.6969**.

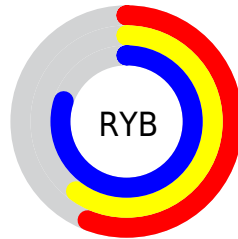
Distribution



Red (56%)

Green (61%)

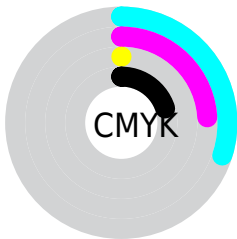
Blue (80%)



Red (56%)

Yellow (60%)

Blue (80%)

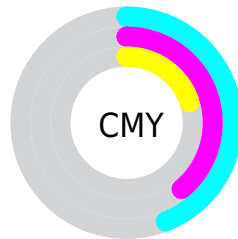


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (39%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4095, 34.1140, 62.5287 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 34.4095, 34.1140, 62.5287 by changing the saturation by 10% instead.

■ 34.4095, 34.1140,
62.5287

■ 34.4095, 34.1140,
62.5287

313.5080,
320.6401, 451.9178

■ 23.3727, 22.9812,
45.0215

■ 65.9100, 66.1109,
110.0683

■ 14.9912, 14.5796,
31.1313

■ 87.1045, 87.7438,
140.9377

■ 8.8995, 8.5249,
20.4395

112.4157,
113.6455, 177.0984

■ 4.7323, 4.4326,
12.5277

142.2087,
144.2004, 218.9687

■ 2.1242, 1.9184,
6.9773

176.8492,
179.7929, 266.9672

■ 0.7023, 0.5594,
3.3696

216.7023,

■ 0.0000, 0.0000,

220.8075, 321.5126

1.2863

262.1335,
267.6284, 383.0233

■ 0.0000, 0.0000,
0.0506

■ 0.0000, 0.0000,
0.0000

■ 34.4095, 34.1140,
62.5287

■ 34.4095, 34.1140,
62.5287

■ 28.5705, 27.2768,
61.5173

■ 41.2756, 42.0383,
63.6969

■ 23.7049, 21.4746,
60.6538

■ 49.2119, 51.0906,
65.0259

■ 19.7594, 16.6569,
59.9319

■ 58.2635, 61.3149,
66.5223

■ 16.6739, 12.7672,
59.3437

■ 68.4717, 72.7513,
68.1918

■ 14.3808, 9.7430,
58.8808

■ 79.8755, 85.4380,
70.0395

■ 12.8019, 7.5134,
58.5337

■ 87.9575, 97.0637,
71.8575

■ 11.8096, 5.9786,
58.2898

■ 88.0196, 97.1878,
71.8782

■ 11.7895, 5.9478,
58.2849

Harmonies

Analogous

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



30.4623, 34.1140, 62.4668



34.4095, 34.1140, 62.5287



38.1002, 34.1140, 54.9122

Triad

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



34.4095, 34.1140, 62.5287



38.1468, 34.1140, 23.7824



25.6060, 34.1140, 31.6980

Complementary

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



34.4095, 34.1140, 62.5287



49.2814, 53.1331, 34.0450

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.



27.3421, 34.1140, 23.6936



34.4095, 34.1140, 62.5287



34.4689, 34.1140, 19.7991

Square

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



34.4095, 34.1140, 62.5287



40.3745, 34.1140, 31.8453



30.5170, 34.1140, 19.7704



25.5930, 34.1140, 43.0009

Rectangle

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



34.4095, 34.1140, 62.5287



39.8273, 34.1140, 47.2542



30.5170, 34.1140, 19.7704



26.0008, 34.1140, 28.5903

Sweetspot

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



34.4106, 34.1153, 62.5295



81.5033, 84.7010, 106.6610



42.9371, 53.4340, 58.3867



17.0072, 17.6325, 22.7570



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.



34.4106, 34.1153, 62.5295



49.7721, 48.1813, 101.2844



35.9550, 32.0682, 62.0530



10.7775, 11.1954, 14.1633



7.3931, 3.8101, 36.3020



0.4356, 0.3049, 1.8908

Inverse Universe

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



41.1518, 35.3270, 36.1037



62.7400, 50.8724, 50.3687



47.2863, 56.2040, 34.7428



11.3010, 11.2492, 12.1199



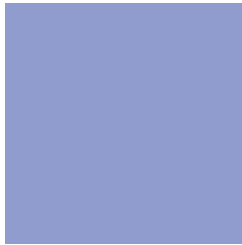
15.9426, 8.1876, 2.1504



0.8498, 0.4333, 0.2549

Previews

White Background



This preview shows how the XYZ color 34.4095, 34.1140, 62.5287 looks on a white background.

Color Contrast Check

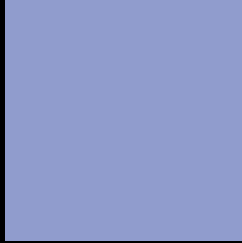
Large Text (above 18pt) WCAG AA × Fail

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 34.4095, 34.1140, 62.5287 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 34.4095, 34.1140, 62.5287

Background



This preview shows how black text looks on a background with the XYZ color 34.4095, 34.1140, 62.5287.



This preview shows how white text looks on a background with the XYZ color 34.4095, 34.1140,

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

34.4095, 34.1140, 62.5287

Protanopia

34.5850, 34.2045, 62.5369

Deuteranopia

34.7734, 34.0535, 62.4978



Tritanopia

31.0415, 34.2999, 45.0289

Trichromacy



Original Color

34.4095, 34.1140, 62.5287

Protanomaly

34.5850, 34.2045, 62.5369

Deuteranomaly

34.5948, 33.9615, 62.4895

Tritanomaly

32.1430, 34.2198, 50.8099

Monochromacy



Original Color

34.4095, 34.1140, 62.5287

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9317, 33.9814, 45.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4095, 34.1140, 62.5287 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(144, 156, 205)` looks like.

```
.text, #text, p{  
    color:rgb(144, 156, 205)  
}
```

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(144, 156, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 156, 205) }
```

Border

The CSS property to change the border of an element to XYZ 34.4095, 34.1140, 62.5287 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(144, 156, 205) }
```


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

```
.border{ border-color:rgb(144, 156, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 156, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 156, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 156, 205);  
box-shadow:4px 4px 4px 4px rgb(144, 156,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4095, 34.1140, 62.5287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 156, 205) }
```

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

```
.background{ background-color: rgb(144,  
156, 205) }
```

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