

Converting Colors

XYZ(34.2996, 35.9346, 50.6011)

Have a look what the booklet for
XYZ(34.2996, 35.9346, 50.6011)
contains.

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Color

**XYZ(34.1497, 35.7854,
50.4548)**

Conversions

Conversions Part 1

Format	Color
Hex	96A2B8
RGB	150, 162, 184
RGB Percent	59%, 64%, 72%
CMY	0.4118, 0.3647, 0.2784
CMYK	0.18, 0.12, 0.00, 0.28
HSL	219°, 19%, 65%
HSV	219°, 18%, 72%
XYZ	34.1497, 35.7854, 50.4548
YIQ	160.9200, -14.2140, 4.2980

Conversions

Conversions Part 2

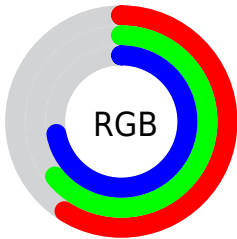
Format	Color
RYB	150, 159, 184
Decimal	9872056
CIELab	66.36, 0.48, -12.77
CIElCh	66, 12.783, 272.130
Yxy	35.7854, 0.2837, 0.2972
Android (android.graphics.Color)	4288062136 (0xFF96A2B8)
YUV	160.9200, 11.3784, -9.5768
Hunter-Lab	59.8209, -2.7870, -8.1324

Details

The XYZ color **34.1497, 35.7854, 50.4548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0249, 41.8972, 34.8323**, and the grayscale version is **33.7936, 35.5535, 38.7177**.

A 20% lighter version of the original color is **65.4429, 68.7543, 92.2598**, and **14.8183, 15.4432, 23.6726** is the 20% darker color. If you saturate the color by 10%, you get **29.0275, 30.1785, 49.6431**, and if you desaturate by 10%, it is **40.0043, 42.0664, 51.3592**.

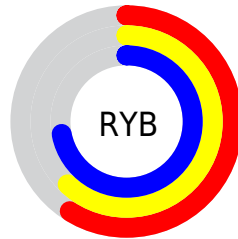
Distribution



Red (59%)

Green (64%)

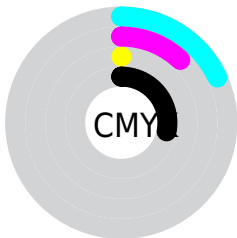
Blue (72%)



Red (59%)

Yellow (62%)

Blue (72%)

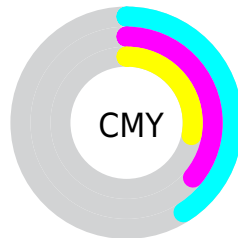


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (41%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1497, 35.7854, 50.4548 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 34.1497, 35.7854, 50.4548 by changing the saturation by 10% instead.

■ 34.1497, 35.7854,
50.4548

■ 34.1497, 35.7854,
50.4548

312.3732,
328.0216, 405.2277

■ 23.1721, 24.2685,
35.4012

■ 65.5091, 68.7007,
92.2516

■ 14.8420, 15.5329,
23.6861

■ 86.6217, 90.8679,
119.8319

■ 8.7942, 9.1942,
14.8909

111.8432,
117.3540, 152.4248

■ 4.6632, 4.8681,
8.5971

141.5390,
148.5434, 190.4489

■ 2.0837, 2.1701,
4.3861

176.0746,
184.8204, 234.3226

■ 0.6804, 0.7036,
1.8395

215.8153,

■ 0.0000, 0.0000,

226.5695, 284.4647

0.4538

261.1264,
274.1751, 341.2936

■ 0.0000, 0.0000,
0.0000

■ 34.1497, 35.7854,
50.4548

■ 34.1497, 35.7854,
50.4548

■ 29.0275, 30.1785,
49.6431

■ 40.0043, 42.0664,
51.3592

■ 24.6042, 25.2176,
48.9187

■ 46.6165, 49.0397,
52.3566

■ 20.8485, 20.8789,
48.2792

■ 54.0141, 56.7279,
53.4507

■ 17.7251, 17.1353,
47.7212

■ 62.2226, 65.1515,
54.6440

■ 15.1955, 13.9577,
47.2412

■ 71.2664, 74.3302,
55.9390

■ 13.2164, 11.3137,
46.8352

■ 79.1532, 83.2435,
57.2438

■ 11.7377, 9.1669,
46.4987

■ 82.6462, 90.2295,
58.4081

■ 10.6802, 7.4653,
46.2260

■ 85.6518, 96.2407,
59.4100

■ 10.5395, 7.2360,
46.1892

Harmonies

Analogous

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



32.3240, 35.7854, 49.0270



34.1497, 35.7854, 50.4548



36.0049, 35.7854, 48.5726

Triad

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



34.1497, 35.7854, 50.4548



37.2205, 35.7854, 33.6311



30.8670, 35.7854, 34.2490

Complementary

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



34.1497, 35.7854, 50.4548



40.0249, 41.8972, 34.8323

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.



32.0959, 35.7854, 30.7147



34.1497, 35.7854, 50.4548



35.7597, 35.7854, 30.3821

Square

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



34.1497, 35.7854, 50.4548



37.8186, 35.7854, 38.5744



33.8766, 35.7854, 29.3658



30.4716, 35.7854, 39.3566

Rectangle

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



34.1497, 35.7854, 50.4548



36.9968, 35.7854, 45.7878



33.8766, 35.7854, 29.3658



31.1940, 35.7854, 32.8546

Sweetspot

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



34.1508, 35.7869, 50.4556



75.2411, 79.1459, 93.5157



37.1204, 43.7263, 45.2793



16.0597, 16.8920, 20.1356



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.1508, 35.7869, 50.4556



58.1395, 60.7753, 90.8711



32.9869, 32.1966, 49.8239



8.7735, 9.2243, 11.3975



7.3246, 5.1089, 31.8531



0.3177, 0.2990, 1.1427

Inverse Universe

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



37.1959, 34.6124, 38.9046



64.6863, 58.4349, 65.9961



41.3446, 46.1230, 35.5784



9.1320, 9.0632, 10.0427



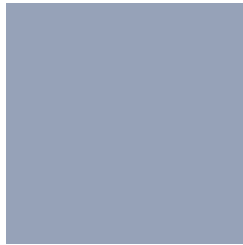
14.3108, 7.2981, 4.2576



0.5345, 0.2693, 0.3081

Previews

White Background



This preview shows how the XYZ color 34.1497, 35.7854, 50.4548 looks on a white background.

Color Contrast Check

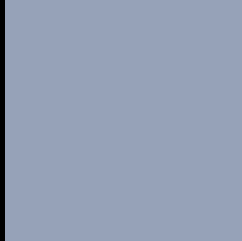
Large Text (above 18pt) WCAG AA × Fail

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 34.1497, 35.7854, 50.4548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

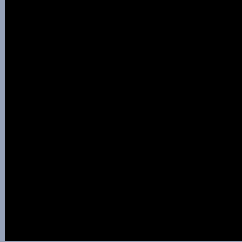
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1497, 35.7854, 50.4548

Background



This preview shows how black text looks on a background with the XYZ color 34.1497, 35.7854, 50.4548.



This preview shows how white text looks on a background with the XYZ color 34.1497, 35.7854,

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

34.1497, 35.7854, 50.4548

Protanopia

35.2186, 35.8296, 49.8593

Deuteranopia

36.3310, 35.6161, 50.8587



Tritanopia

33.3281, 35.7185, 46.2121

Trichromacy



Original Color

34.1497, 35.7854, 50.4548

Protanomaly

34.8097, 35.8772, 49.8901

Deuteranomaly

35.6523, 35.7726, 50.9247

Tritanomaly

33.6283, 35.8386, 47.7930

Monochromacy



Original Color

34.1497, 35.7854, 50.4548

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8109, 35.5224, 42.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1497, 35.7854, 50.4548 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(150, 162, 184) looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 184)  
}
```

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(150, 162, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.1497, 35.7854, 50.4548 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(150, 162, 184) }
```


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

```
.border{ border-color:rgb(150, 162, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 184);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1497, 35.7854, 50.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 184) }
```

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

```
.background{ background-color: rgb(150,  
162, 184) }
```

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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