

Converting Colors

XYZ(35.1113, 35.1531, 44.2623)

Have a look what the booklet for
XYZ(35.1113, 35.1531, 44.2623)
contains.

XYZ(35.1168, 35.1304, 44.4652)	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(35.1168, 35.1304,
44.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	A59DAD
RGB	165, 157, 173
RGB Percent	65%, 62%, 68%
CMY	0.3529, 0.3843, 0.3216
CMYK	0.05, 0.09, 0.00, 0.32
HSL	270°, 9%, 65%
HSV	270°, 9%, 68%
XYZ	35.1168, 35.1304, 44.4652
YIQ	161.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

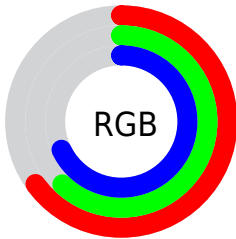
Format	Color
R_{YB}	165, 157, 173
Decimal	10853805
CIE Lab	65.85, 5.98, -7.26
CIE LCh	66, 9.406, 309.463
Yxy	35.1304, 0.3061, 0.3062
Android (android.graphics.Color)	4289043885 (0xFFA59DAD)
YUV	161.2160, 5.8095, 3.3186
Hunter-Lab	59.2709, 2.0335, -2.9899

Details

The XYZ color **35.1168, 35.1304, 44.4652** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5478, 40.3218, 37.7567**, and the grayscale version is **33.9515, 35.7196, 38.8987**.

A 20% lighter version of the original color is **67.0623, 67.9040, 82.9710**, and **15.4153, 15.1993, 20.2104** is the 20% darker color. If you saturate the color by 10%, you get **30.6558, 28.7897, 43.4770**, and if you desaturate by 10%, it is **40.1161, 42.3657, 45.5988**.

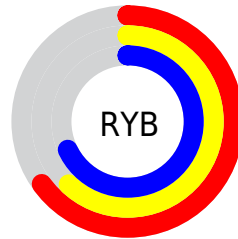
Distribution



Red (65%)

Green (62%)

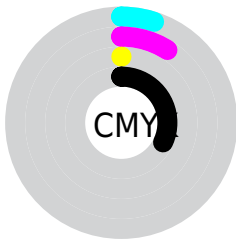
Blue (68%)



Red (65%)

Yellow (62%)

Blue (68%)

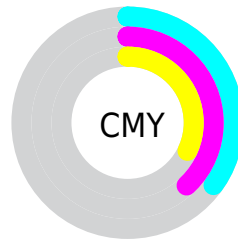


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1168, 35.1304, 44.4652 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 35.1168, 35.1304, 44.4652 by changing the saturation by 10% instead.

■ 35.1168, 35.1304,
44.4652

■ 35.1168, 35.1304,
44.4652

316.5826,
325.1435, 380.7000

■ 23.9198, 23.7633,
30.6965

■ 66.9995, 67.6877,
83.2272

■ 15.3986, 15.1582,
20.1113

■ 88.4159, 89.6468,
109.0577

■ 9.1877, 8.9305,
12.2911

113.9695,
115.9053, 139.7457

■ 4.9219, 4.6959,
6.8173

144.0256,
146.8477, 175.7100

■ 2.2358, 2.0699,
3.2714

178.9496,
182.8583, 217.3691

■ 0.7615, 0.6476,
1.2348

219.1069,

■ 0.0000, 0.0000,

224.3215, 265.1414

0.0075

264.8628,
271.6218, 319.4455

■ 0.0000, 0.0000,
0.0000

■ 35.1168, 35.1304,
44.4652

■ 35.1168, 35.1304,
44.4652

■ 30.6558, 28.7897,
43.4770

■ 40.1161, 42.3657,
45.5988

■ 26.7102, 23.3033,
42.6260

■ 45.6692, 50.5251,
46.8810

■ 23.2602, 18.6343,
41.9066

■ 51.7948, 59.6419,
48.3179

■ 20.2830, 14.7414,
41.3121

■ 58.5098, 69.7466,
49.9144

■ 17.7543, 11.5795,
40.8351

■ 65.8303, 80.8684,
51.6753

■ 15.6470, 9.0987,
40.4673

■ 71.8919, 89.2753,
52.9785

■ 13.9308, 7.2424,
40.1994

■ 74.5302, 90.6354,
53.1020

■ 12.5706, 5.9448,
40.0207

■ 77.3053, 92.0660,
53.2318

■ 11.5002, 5.0782,
39.9098

■ 80.2192, 93.5682,
53.3682

Harmonies

Analogous

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



33.8314, 35.1304, 46.3026



35.1168, 35.1304, 44.4652



35.9544, 35.1304, 40.9975

Triad

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



35.1168, 35.1304, 44.4652



34.3361, 35.1304, 31.5261



30.8247, 35.1304, 39.5225

Complementary

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



35.1168, 35.1304, 44.4652



36.5478, 40.3218, 37.7567

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.



30.9513, 35.1304, 35.6301



35.1168, 35.1304, 44.4652



32.9532, 35.1304, 31.1915

Square

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



35.1168, 35.1304, 44.4652



35.4950, 35.1304, 33.5926



31.7215, 35.1304, 32.6446



31.3707, 35.1304, 43.3214

Rectangle

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



35.1168, 35.1304, 44.4652



36.1328, 35.1304, 38.3227



31.7215, 35.1304, 32.6446



30.7903, 35.1304, 38.1795

Sweetspot

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



35.1178, 35.1319, 44.4660



68.3232, 70.7517, 80.8612



34.9521, 37.1932, 44.8726



14.6929, 15.1509, 17.5377



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.1178, 35.1319, 44.4660



61.2648, 60.5860, 79.2710



36.7755, 35.9865, 44.5435



7.9460, 7.9465, 10.0677



8.4594, 3.7209, 29.3169



0.2985, 0.1361, 0.8185

Inverse Universe

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



36.0834, 35.7164, 40.5914



63.3445, 61.8449, 70.9260



34.9874, 39.5174, 37.6837



8.1660, 8.0797, 9.1850



13.9389, 7.0381, 7.3236



0.4154, 0.2069, 0.3493

Previews

White Background



This preview shows how the XYZ color 35.1168, 35.1304, 44.4652 looks on a white background.

Color Contrast Check

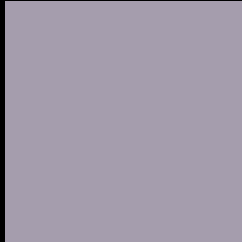
Large Text (above 18pt) WCAG AA × Fail

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 35.1168, 35.1304, 44.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

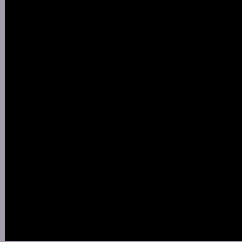
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1168, 35.1304, 44.4652

Background



This preview shows how black text looks on a background with the XYZ color 35.1168, 35.1304, 44.4652.



This preview shows how white text looks on a background with the XYZ color 35.1168, 35.1304,

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

35.1168, 35.1304, 44.4652

Protanopia

34.3362, 35.2232, 45.0334

Deuteranopia

35.6264, 34.8948, 44.3928



Tritanopia

34.9996, 35.3553, 43.0098

Trichromacy



Original Color

35.1168, 35.1304, 44.4652

Protanomaly

34.5648, 35.0868, 44.9951

Deuteranomaly

35.5797, 35.1189, 44.4385

Tritanomaly

35.0946, 35.3933, 43.5100

Monochromacy



Original Color

35.1168, 35.1304, 44.4652

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2626, 35.5396, 40.6513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1168, 35.1304, 44.4652 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(165, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 157, 173)  
}
```

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(165, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 157, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.1168, 35.1304, 44.4652 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(165, 157, 173) }
```


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

```
.border{ border-color:rgb(165, 157, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(165, 157,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1168, 35.1304, 44.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 157, 173) }
```

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

```
.background{ background-color: rgb(165,  
157, 173) }
```

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