

Converting Colors

XYZ(36.0114, 34.9897, 50.9188)

Have a look what the booklet for
XYZ(36.0114, 34.9897, 50.9188)
contains.

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Color

**XYZ(35.9954, 34.9448,
50.7468)**

Conversions

Conversions Part 1

Format	Color
Hex	A59BB9
RGB	165, 155, 185
RGB Percent	65%, 61%, 73%
CMY	0.3529, 0.3921, 0.2745
CMYK	0.11, 0.16, 0.00, 0.27
HSL	260°, 18%, 67%
HSV	260°, 16%, 73%
XYZ	35.9954, 34.9448, 50.7468
YIQ	161.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

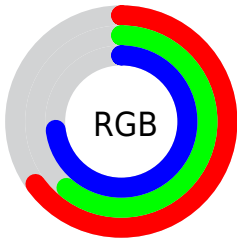
Format	Color
RYB	165, 155, 185
Decimal	10853305
CIELab	65.71, 9.57, -14.19
CIELCh	66, 17.117, 303.987
Yxy	34.9448, 0.2958, 0.2872
Android (android.graphics.Color)	4289043385 (0xFFA59BB9)
YUV	161.4100, 11.6299, 3.1484
Hunter-Lab	59.1141, 5.2414, -9.5179

Details

The XYZ color **35.9954, 34.9448, 50.7468** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.9457, 46.1793, 37.7674**, and the grayscale version is **34.0167, 35.7882, 38.9733**.

A 20% lighter version of the original color is **68.1928, 67.1674, 92.5896**, and **15.9252, 15.0773, 23.9007** is the 20% darker color. If you saturate the color by 10%, you get **30.7066, 27.9934, 49.6843**, and if you desaturate by 10%, it is **42.0055, 42.9701, 51.9796**.

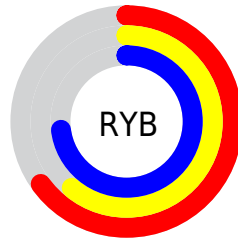
Distribution



Red (65%)

Green (61%)

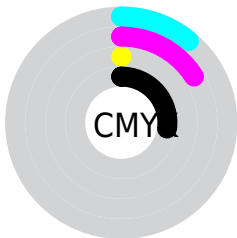
Blue (73%)



Red (65%)

Yellow (61%)

Blue (73%)

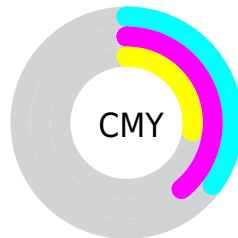


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9954, 34.9448, 50.7468 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 35.9954, 34.9448, 50.7468 by changing the saturation by 10% instead.

■ 35.9954, 34.9448,
50.7468

■ 35.9954, 34.9448,
50.7468

320.3720,
324.3246, 406.3977

■ 24.6007, 23.6204,
35.6318

■ 68.3489, 67.4002,
92.6881

■ 15.9070, 15.0522,
23.8625

■ 90.0384, 89.3000,
120.3514

■ 9.5488, 8.8561,
15.0204

115.8903,
115.4937, 153.0346

■ 5.1608, 4.6474,
8.6869

146.2698,
146.3657, 191.1563

■ 2.3776, 2.0419,
4.4435

181.5424,
182.3004, 235.1348

■ 0.8339, 0.6317,
1.8717

222.0734,

■ 0.0000, 0.0000,

223.6822, 285.3889

0.4746

268.2282,
270.8955, 342.3370

■ 0.0000, 0.0000,
0.0000

■ 35.9954, 34.9448,
50.7468

■ 35.9954, 34.9448,
50.7468

■ 30.7066, 27.9934,
49.6843

■ 42.0055, 42.9701,
51.9796

■ 26.1075, 22.0650,
48.7824

■ 48.7603, 52.1085,
53.3875

■ 22.1689, 17.1114,
48.0339

■ 56.2864, 62.4023,
54.9777

■ 18.8579, 13.0783,
47.4299

■ 64.6077, 73.8907,
56.7566

■ 16.1389, 9.9063,
46.9610

■ 73.7472, 86.6106,
58.7301

■ 13.9721, 7.5285,
46.6162

■ 80.1155, 93.3745,
59.7000

■ 12.3122, 5.8677,
46.3831

■ 84.4231, 95.5951,
59.9016

■ 11.1022, 4.8246,
46.2456

■ 85.7571, 96.2828,
59.9641

■ 10.7225, 4.5161,
46.2060

Harmonies

Analogous

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



33.5518, 34.9448, 53.6300



35.9954, 34.9448, 50.7468



37.7591, 34.9448, 44.4618

Triad

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



35.9954, 34.9448, 50.7468



35.3836, 34.9448, 26.8959



28.6133, 34.9448, 39.0214

Complementary

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



35.9954, 34.9448, 50.7468



40.9457, 46.1793, 37.7674

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.



29.0490, 34.9448, 32.2844



35.9954, 34.9448, 50.7468



32.8784, 34.9448, 25.8222

Square

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



35.9954, 34.9448, 50.7468



37.3936, 34.9448, 30.8104



30.5797, 34.9448, 27.6684



29.3581, 34.9448, 46.3407

Rectangle

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



35.9954, 34.9448, 50.7468



38.2668, 34.9448, 39.5205



30.5797, 34.9448, 27.6684



28.6268, 34.9448, 36.6144

Sweetspot

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



35.9965, 34.9463, 50.7476



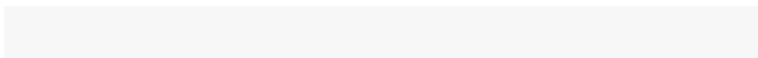
76.5332, 78.7108, 93.3636



37.7032, 41.3274, 51.8893



16.3258, 16.7354, 20.0914



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.



35.9965, 34.9463, 50.7476



61.4003, 58.5314, 90.2662



39.1855, 36.5903, 50.8968



8.7956, 8.8610, 11.3262



7.3710, 3.1111, 31.4651



0.3272, 0.1444, 1.1124

Inverse Universe

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



39.4679, 36.8536, 45.5921



68.6854, 62.5364, 79.3421



37.8639, 44.5906, 37.6232



9.2502, 9.1105, 10.6651



16.1071, 8.0166, 13.7165



0.5953, 0.2936, 0.6281

Previews

White Background



This preview shows how the XYZ color 35.9954, 34.9448, 50.7468 looks on a white background.

Color Contrast Check

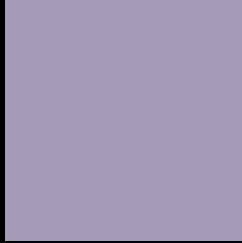
Large Text (above 18pt) WCAG AA × Fail

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 35.9954, 34.9448, 50.7468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

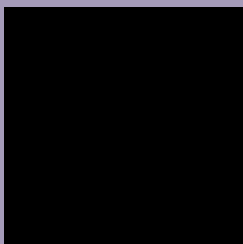
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.9954, 34.9448, 50.7468

Background



This preview shows how black text looks on a background with the XYZ color 35.9954, 34.9448, 50.7468.



This preview shows how white text looks on a background with the XYZ color 35.9954, 34.9448,

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

35.9954, 34.9448, 50.7468

Protanopia

34.5229, 34.9116, 51.9328

Deuteranopia

35.7497, 35.0662, 50.7832



Tritanopia

34.5868, 35.1425, 42.9905

Trichromacy



Original Color

35.9954, 34.9448, 50.7468

Protanomaly

35.0204, 34.9282, 51.3504

Deuteranomaly

35.9553, 35.1722, 50.7928

Tritanomaly

35.1047, 35.1016, 45.4825

Monochromacy



Original Color

35.9954, 34.9448, 50.7468

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5541, 35.3799, 43.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9954, 34.9448, 50.7468 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, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 155, 185)  
}
```

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, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 155, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.9954, 34.9448, 50.7468 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, 155, 185) }
```


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

```
.border{ border-color:rgb(165, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 155,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9954, 34.9448, 50.7468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 155, 185) }
```

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

```
.background{ background-color: rgb(165,  
155, 185) }
```

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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