

Converting Colors

XYZ(34.9316, 48.3248, 7.5440)

Have a look what the booklet for
XYZ(34.9316, 48.3248, 7.5440)
contains.

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Color

**XYZ(34.9316, 48.3248,
7.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C702
RGB	160, 199, 2
RGB Percent	63%, 78%, 1%
CMY	0.3726, 0.2196, 0.9921
CMYK	0.20, 0.00, 0.99, 0.22
HSL	72°, 98%, 39%
HSV	72°, 99%, 78%
XYZ	34.9316, 48.3248, 7.5440
YIQ	164.8810, 39.9930, -69.5350

Conversions

Conversions Part 2

Format	Color
R _Y B	2, 199, 41
Decimal	10536706
CIE Lab	75.03, -34.22, 74.80
CIE LCh	75, 82.258, 114.582
Yxy	48.3248, 0.3847, 0.5322
Android (android.graphics.Color)	4288726786 (0xFFA0C702)
YUV	164.8810, -80.3003, -4.2806
Hunter-Lab	69.5160, -31.9574, 42.2270

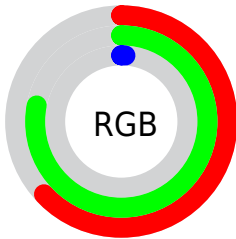
Details

The XYZ color **34.9316, 48.3248, 7.5440** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **11.2469, 4.6397, 54.3385**, and the grayscale version is **36.0691, 37.9475, 41.3248**.

A 20% lighter version of the original color is **66.5348, 87.2046, 21.5090**, and **15.7189, 23.1344, 3.6369** is the 20% darker color. If you saturate the color by 10%, you get **34.8416, 48.2813, 7.4829**, and if you desaturate by 10%, it is **35.8661, 48.7928, 8.2829**.

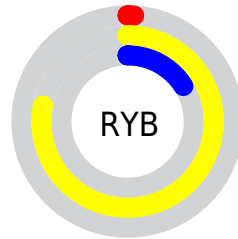
Distribution



Red (63%)

Green (78%)

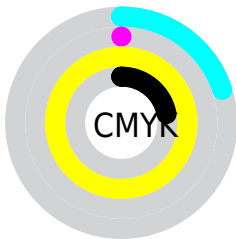
Blue (1%)



Red (1%)

Yellow (78%)

Blue (16%)

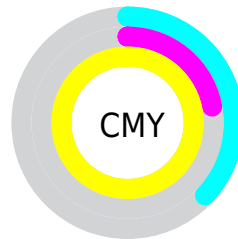


Cyan (20%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (37%)


Magenta (22%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9316, 48.3248, 7.5440 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 34.9316, 48.3248, 7.5440 by changing the saturation by 10% instead.


 34.9316, 48.3248,
7.5440


 34.9316, 48.3248,
7.5440


315.7796,
380.0781, 181.9093

 23.7765, 34.0842,
3.7210


 66.7145, 87.6878,
21.5907

 15.2917, 22.9583,
1.4736


 88.0730, 113.5790,
32.6516

 9.1120, 14.5627,
0.1981


 113.5633,
144.1224, 46.9621

 4.8720, 8.5131,
0.0000

 143.5508,
179.7026, 64.9409

 2.2063, 4.4250,
0.0000

 178.4008,
220.7039, 87.0065

 0.7461, 1.9140,
0.0000

 218.4787,

 0.0000, 0.5568,

267.5106, 113.5774

0.0000

264.1499,
320.5072, 145.0721

■ 0.0000, 0.0000,
0.0000

■ 34.9316, 48.3248,
7.5440

■ 34.9316, 48.3248,
7.5440

■ 34.8416, 48.2813,
7.4829

■ 35.8661, 48.7928,
8.2829

■ 36.9624, 49.3267,
9.7470

■ 38.2606, 49.9443,
12.1417

■ 39.7840, 50.6549,
15.5888

■ 41.5526, 51.4666,
20.1916

■ 43.5837, 52.3863,
26.0412

■ 45.8933, 53.4204,
33.2196

■ 48.4956, 54.5747,
41.8017

■ 51.4042, 55.8546,
51.8569

Harmonies

Analogous

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



48.7132, 48.3248, 5.7548



34.9316, 48.3248, 7.5440



26.1823, 48.3248, 17.7598

Triad

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



34.9316, 48.3248, 7.5440



31.1414, 48.3248, 152.9383



81.1099, 48.3248, 60.8221

Complementary

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



34.9316, 48.3248, 7.5440



11.2469, 4.6397, 54.3385

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.



73.7246, 48.3248, 116.6021



34.9316, 48.3248, 7.5440



43.2573, 48.3248, 185.4298

Square

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



34.9316, 48.3248, 7.5440



24.3515, 48.3248, 95.0832



59.0270, 48.3248, 169.4062



77.5274, 48.3248, 25.1594

Rectangle

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



34.9316, 48.3248, 7.5440



23.3320, 48.3248, 33.5448



59.0270, 48.3248, 169.4062



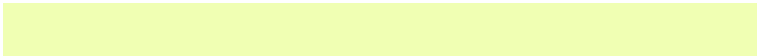
79.7869, 48.3248, 77.8198

Sweetspot

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



34.9327, 48.3270, 7.5450



79.7311, 93.2538, 56.1807



24.2630, 13.5422, 1.3932



16.6891, 19.7917, 10.8436



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.



34.9327, 48.3270, 7.5450



60.8008, 84.4290, 13.0919



22.5761, 41.9569, 6.9667



11.3102, 12.3068, 11.3421



22.4748, 31.0815, 4.8148



1.1182, 1.4995, 0.2305

Inverse Universe

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



11.2469, 4.6397, 54.3385



19.3899, 7.9107, 95.1127



20.5869, 9.4546, 54.7756



10.2495, 10.3869, 13.3822



7.2343, 2.9637, 34.9351



0.4024, 0.1712, 1.6570

Previews

White Background



This preview shows how the XYZ color 34.9316, 48.3248, 7.5440 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 34.9316, 48.3248, 7.5440 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 34.9316, 48.3248, 7.5440

Background



This preview shows how black text looks on a background with the XYZ color 34.9316, 48.3248, 7.5440.



This preview shows how white text looks on a background with the XYZ color 34.9316, 48.3248,

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

34.9316, 48.3248, 7.5440

Protanopia

43.3614, 48.1078, 7.0003

Deuteranopia

48.9271, 47.9431, 8.3443



Tritanopia

45.9058, 48.2152, 61.5305

Trichromacy



Original Color

34.9316, 48.3248, 7.5440

Protanomaly

39.9048, 47.9055, 7.1722

Deuteranomaly

42.7590, 47.4687, 7.7729

Tritanomaly

39.1043, 47.0434, 27.4413

Monochromacy



Original Color

34.9316, 48.3248, 7.5440

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.4279, 40.2714, 19.6470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9316, 48.3248, 7.5440 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(160, 199, 2)` looks like.

```
.text, #text, p{  
    color:rgb(160, 199, 2)  
}
```

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(160, 199, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 199, 2) }
```

Border

The CSS property to change the border of an element to XYZ 34.9316, 48.3248, 7.5440 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(160, 199, 2) }
```


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

```
.border{ border-color:rgb(160, 199, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 199, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 199, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 199, 2);  
box-shadow:4px 4px 4px 4px rgb(160, 199,  
2) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9316, 48.3248, 7.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 199, 2) }
```

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

```
.background{ background-color: rgb(160,  
199, 2) }
```

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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