

Converting Colors

XYZ(34.5676, 34.5587, 6.9678)

Have a look what the booklet for
XYZ(34.5676, 34.5587, 6.9678)
contains.

XYZ(34.3934, 34.3523, 6.9158)	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(34.3934, 34.3523,
6.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	C49829
RGB	196, 152, 41
RGB Percent	77%, 60%, 16%
CMY	0.2314, 0.4039, 0.8392
CMYK	0.00, 0.22, 0.79, 0.23
HSL	43°, 65%, 46%
HSV	43°, 79%, 77%
XYZ	34.3934, 34.3523, 6.9158
YIQ	152.5020, 61.8550, -25.1930

Conversions

Conversions Part 2

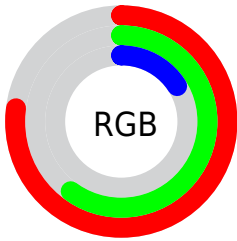
Format	Color
RYB	102, 196, 41
Decimal	12884009
CIELab	65.24, 6.12, 60.27
CIELCh	65, 60.583, 84.200
Yxy	34.3523, 0.4546, 0.4540
Android (android.graphics.Color)	4291074089 (0xFFC49829)
YUV	152.5020, -54.9705, 38.1477
Hunter-Lab	58.6108, 2.1765, 34.0316

Details

The XYZ color **34.3934, 34.3523, 6.9158** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **14.1268, 10.9538, 53.5938**, and the grayscale version is **30.2750, 31.8517, 34.6865**.

A 20% lighter version of the original color is **65.4226, 66.2471, 20.4052**, and **15.1349, 14.7106, 2.0417** is the 20% darker color. If you saturate the color by 10%, you get **33.2511, 32.4856, 5.2471**, and if you desaturate by 10%, it is **35.7499, 36.3751, 9.4961**.

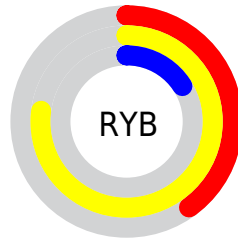
Distribution



Red (77%)

Green (60%)

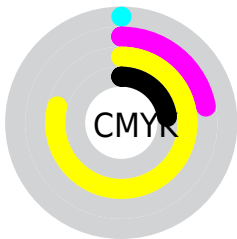
Blue (16%)



Red (40%)

Yellow (77%)

Blue (16%)

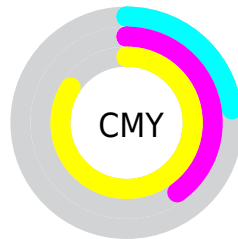


Cyan (0%)

Magenta (22%)

Yellow (79%)

Black (23%)



Cyan (23%)


Magenta (40%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3934, 34.3523, 6.9158 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 34.3934, 34.3523, 6.9158 by changing the saturation by 10% instead.


 34.3934, 34.3523,
6.9158


 34.3934, 34.3523,
6.9158


313.4378,
321.7001, 176.5665

 23.3603, 23.1644,
3.3318


 65.8852, 66.4812,
20.3136


 14.9819, 14.7149,
1.2665


 87.0746, 88.1909,
30.9645


 8.8929, 8.6196,
0.0341


 112.3802,
114.1766, 44.8082

 4.7280, 4.4939,
0.0000

 142.1673,
144.8229, 62.2631

 2.1217, 1.9535,
0.0000

 176.8012,
180.5139, 83.7479

 0.7009, 0.5802,
0.0000

 216.6474,

 0.0000, 0.0000,

221.6342, 109.6810

0.0000

262.0711,
268.5681, 140.4811

■ 34.3934, 34.3523,
6.9158

■ 34.3934, 34.3523,
6.9158

■ 33.2511, 32.4856,
5.2471

■ 35.7499, 36.3751,
9.4961

■ 32.2817, 30.7536,
4.2864

■ 37.3409, 38.5591,
13.1037

■ 32.1965, 30.5991,
4.2093

■ 39.1869, 40.9146,
17.8390

■ 41.3049, 43.4494,
23.7899

■ 43.7106, 46.1704,
31.0358

■ 46.4181, 49.0844,
39.6489

■ 49.4407, 52.1973,
49.6963

■ 52.7907, 55.5149,
61.2408

■ 56.4799, 59.0427,
74.3411

Harmonies

Analogous

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



43.6008, 34.3523, 10.2340



34.3934, 34.3523, 6.9158



26.1850, 34.3523, 8.3031

Triad

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



34.3934, 34.3523, 6.9158



19.5045, 34.3523, 61.0351



48.4145, 34.3523, 73.5822

Complementary

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



34.3934, 34.3523, 6.9158



14.1268, 10.9538, 53.5938

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.



40.1020, 34.3523, 101.4330



34.3934, 34.3523, 6.9158



23.7073, 34.3523, 92.1916

Square

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



34.3934, 34.3523, 6.9158



18.5265, 34.3523, 32.7107



30.9681, 34.3523, 109.4466



52.5791, 34.3523, 42.5256

Rectangle

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



34.3934, 34.3523, 6.9158



22.2040, 34.3523, 12.2834



30.9681, 34.3523, 109.4466



45.9478, 34.3523, 84.1018

Sweetspot

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



34.3942, 34.3540, 6.9165



81.4217, 86.0792, 63.2448



25.2988, 14.0182, 10.4974



17.0568, 18.0214, 12.3699



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.



34.3942, 34.3540, 6.9165



58.9204, 56.5071, 8.1739



35.6572, 47.6390, 9.4142



10.6640, 11.2595, 10.6731



20.7640, 19.8138, 2.7301



0.9533, 0.9684, 0.1367

Inverse Universe

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



14.1268, 10.9538, 53.5938



21.1928, 13.2647, 96.0511



13.4296, 6.9495, 52.8577



9.7560, 10.2032, 12.7401



7.3636, 4.4837, 34.0340



0.3788, 0.3149, 1.4907

Previews

White Background



This preview shows how the XYZ color 34.3934, 34.3523, 6.9158 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 34.3934, 34.3523, 6.9158 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 34.3934, 34.3523, 6.9158

Background



This preview shows how black text looks on a background with the XYZ color 34.3934, 34.3523, 6.9158.



This preview shows how white text looks on a background with the XYZ color 34.3934, 34.3523,

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

34.3934, 34.3523, 6.9158

Protanopia

31.1943, 34.4357, 7.2881

Deuteranopia

35.0377, 34.4425, 6.9919



Tritanopia

40.0514, 34.3424, 34.6548

Trichromacy



Original Color

34.3934, 34.3523, 6.9158

Protanomaly

32.3140, 34.2584, 7.0999

Deuteranomaly

34.7732, 34.3062, 6.9795

Tritanomaly

37.0229, 34.0070, 19.9419

Monochromacy



Original Color

34.3934, 34.3523, 6.9158

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6780, 32.3873, 19.9637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3934, 34.3523, 6.9158 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(196, 152, 41)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 41)  
}
```

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(196, 152, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 41) }
```

Border

The CSS property to change the border of an element to XYZ 34.3934, 34.3523, 6.9158 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(196, 152, 41) }
```


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

```
.border{ border-color:rgb(196, 152, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 41);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3934, 34.3523, 6.9158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 41) }
```

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

```
.background{ background-color: rgb(196,  
152, 41) }
```

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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