

Converting Colors

XYZ(34.4358, 34.5644, 9.2998)

Have a look what the booklet for
XYZ(34.4358, 34.5644, 9.2998)
contains.

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Color

**XYZ(34.4817, 34.5887,
9.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	C2993D
RGB	194, 153, 61
RGB Percent	76%, 60%, 24%
CMY	0.2392, 0.4000, 0.7608
CMYK	0.00, 0.21, 0.69, 0.24
HSL	42°, 52%, 50%
HSV	42°, 69%, 76%
XYZ	34.4817, 34.5887, 9.2738
YIQ	154.7710, 53.9680, -19.9200

Conversions

Conversions Part 2

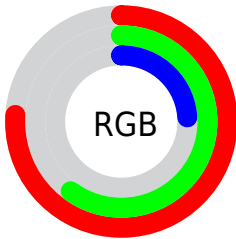
Format	Color
RYB	120, 194, 61
Decimal	12753213
CIELab	65.43, 5.63, 52.40
CIElCh	65, 52.697, 83.872
Yxy	34.5887, 0.4401, 0.4415
Android (android.graphics.Color)	4290943293 (0xFFC2993D)
YUV	154.7710, -46.2291, 34.4038
Hunter-Lab	58.8122, 1.7337, 31.8194

Details

The XYZ color **34.4817, 34.5887, 9.2738** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **16.4133, 14.3895, 52.9511**, and the grayscale version is **31.2364, 32.8632, 35.7880**.

A 20% lighter version of the original color is **66.1665, 66.8887, 25.0463**, and **15.0679, 14.8211, 2.0666** is the 20% darker color. If you saturate the color by 10%, you get **33.0965, 32.5089, 6.6839**, and if you desaturate by 10%, it is **36.1065, 36.8455, 12.8766**.

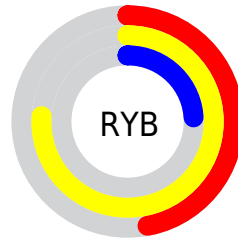
Distribution



Red (76%)

Green (60%)

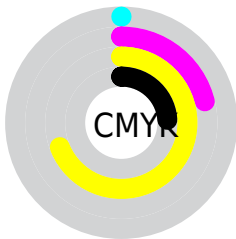
Blue (24%)



Red (47%)

Yellow (76%)

Blue (24%)

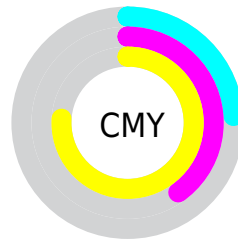


Cyan (0%)

Magenta (21%)

Yellow (69%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4817, 34.5887, 9.2738 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 34.4817, 34.5887, 9.2738 by changing the saturation by 10% instead.

■ 34.4817, 34.5887,
9.2738

■ 34.4817, 34.5887,
9.2738

313.8229,
322.7491, 195.7001

■ 23.4285, 23.3462,
4.8210

■ 66.0214, 66.8481,
25.0064

■ 15.0327, 14.8494,
2.0857

■ 87.2386, 88.6338,
37.1233

■ 8.9288, 8.7137,
0.6072

■ 112.5746,
114.7027, 52.6319

■ 4.7515, 4.5549,
0.0000

■ 142.3946,
145.4392, 71.9508

■ 2.1355, 1.9886,
0.0000

■ 177.0641,
181.2277, 95.4985

■ 0.7084, 0.6008,
0.0000

216.9484,

■ 0.0000, 0.0000,

222.4526, 123.6936

0.0000

262.4129,
269.4983, 156.9547

■ 34.4817, 34.5887,
9.2738

■ 34.4817, 34.5887,
9.2738

■ 33.0965, 32.5089,
6.6839

■ 36.1065, 36.8455,
12.8766

■ 31.9264, 30.5912,
4.9913

■ 37.9875, 39.2831,
17.5869

■ 30.9366, 28.8217,
4.0131

■ 40.1424, 41.9109,
23.4906

■ 30.8011, 28.5753,
3.8922

■ 42.5865, 44.7362,
30.6646

■ 45.3335, 47.7654,
39.1793

■ 48.3967, 51.0049,
49.0999

■ 51.7881, 54.4606,
60.4873

■ 55.5191, 58.1380,
73.3988

■ 59.6007, 62.0424,
87.8886

Harmonies

Analogous

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



42.4018, 34.5887, 12.7427



34.4817, 34.5887, 9.2738



27.2395, 34.5887, 10.6686

Triad

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



34.4817, 34.5887, 9.2738



21.1084, 34.5887, 57.5632



46.3451, 34.5887, 68.6068

Complementary

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



34.4817, 34.5887, 9.2738



16.4133, 14.3895, 52.9511

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.



39.2398, 34.5887, 91.2766



34.4817, 34.5887, 9.2738



24.8949, 34.5887, 83.3497

Square

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



34.4817, 34.5887, 9.2738



20.2407, 34.5887, 33.3131



31.3200, 34.5887, 97.5229



49.9063, 34.5887, 42.3721

Rectangle

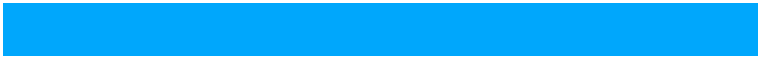
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.4817, 34.5887, 9.2738



23.6437, 34.5887, 14.6154



31.3200, 34.5887, 97.5229



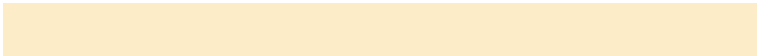
44.2432, 34.5887, 77.2521

Sweetspot

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



34.4825, 34.5904, 9.2745



80.6943, 84.9770, 66.4475



26.3711, 15.7887, 14.5208



17.3614, 18.2686, 13.5872



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.



34.4825, 34.5904, 9.2745



58.9110, 57.2139, 10.4658



36.6290, 47.4238, 11.6384



10.6430, 11.2174, 10.6661



20.3263, 18.9384, 2.5842



0.9371, 0.9359, 0.1313

Inverse Universe

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



16.4133, 14.3895, 52.9511



24.2390, 18.6152, 94.7854



15.1879, 9.1822, 52.0106



9.7759, 10.2431, 12.7467



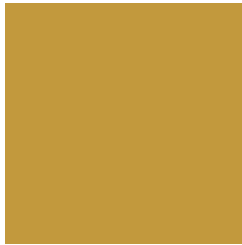
7.5223, 4.8011, 34.0869



0.3875, 0.3325, 1.4936

Previews

White Background



This preview shows how the XYZ color 34.4817, 34.5887, 9.2738 looks on a white background.

Color Contrast Check

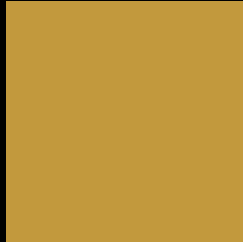
Large Text (above 18pt) WCAG AA × Fail

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 34.4817, 34.5887, 9.2738 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 34.4817, 34.5887, 9.2738

Background



This preview shows how black text looks on a background with the XYZ color 34.4817, 34.5887, 9.2738.



This preview shows how white text looks on a background with the XYZ color 34.4817, 34.5887,

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

34.4817, 34.5887, 9.2738

Protanopia

31.4268, 34.5023, 9.7059

Deuteranopia

35.2248, 34.4868, 9.3575



Tritanopia

39.7426, 34.3955, 35.1162

Trichromacy



Original Color

34.4817, 34.5887, 9.2738

Protanomaly

32.4549, 34.5290, 9.5116

Deuteranomaly

35.1237, 34.6746, 9.3991

Tritanomaly

37.1126, 34.2293, 22.4202

Monochromacy



Original Color

34.4817, 34.5887, 9.2738

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.3690, 32.9267, 22.7913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4817, 34.5887, 9.2738 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(194, 153, 61)` looks like.

```
.text, #text, p{  
    color:rgb(194, 153, 61)  
}
```

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(194, 153, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 153, 61) }
```

Border

The CSS property to change the border of an element to XYZ 34.4817, 34.5887, 9.2738 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(194, 153, 61) }
```


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

```
.border{ border-color:rgb(194, 153, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 153, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 153, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 153, 61);  
box-shadow:4px 4px 4px 4px rgb(194, 153,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4817, 34.5887, 9.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 153, 61) }
```

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

```
.background{ background-color: rgb(194,  
153, 61) }
```

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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