

Converting Colors

XYZ(35.2665, 33.2301, 9.7102)

Have a look what the booklet for
XYZ(35.2665, 33.2301, 9.7102)
contains.

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Color

**XYZ(35.3496, 33.3686,
9.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	C99242
RGB	201, 146, 66
RGB Percent	79%, 57%, 26%
CMY	0.2118, 0.4274, 0.7412
CMYK	0.00, 0.27, 0.67, 0.21
HSL	36°, 56%, 52%
HSV	36°, 67%, 79%
XYZ	35.3496, 33.3686, 9.7319
YIQ	153.3250, 58.4600, -13.2200

Conversions

Conversions Part 2

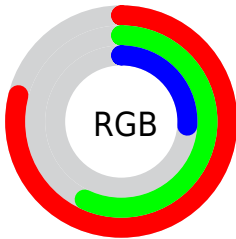
Format	Color
RYB	159, 201, 66
Decimal	13210178
CIELab	64.46, 12.77, 49.30
CIElCh	64, 50.926, 75.479
Yxy	33.3686, 0.4506, 0.4253
Android (android.graphics.Color)	4291400258 (0xFFC99242)
YUV	153.3250, -43.0512, 41.8110
Hunter-Lab	57.7656, 8.1432, 30.4472

Details

The XYZ color **35.3496, 33.3686, 9.7319** 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 **19.6263, 19.0491, 57.9003**, and the grayscale version is **30.5848, 32.1775, 35.0413**.

A 20% lighter version of the original color is **65.1052, 63.8529, 25.7231**, and **15.5769, 14.2319, 2.2739** is the 20% darker color. If you saturate the color by 10%, you get **33.6407, 30.7385, 6.7348**, and if you desaturate by 10%, it is **37.3586, 36.2661, 13.8567**.

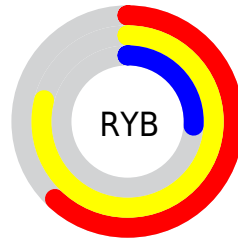
Distribution



Red (79%)

Green (57%)

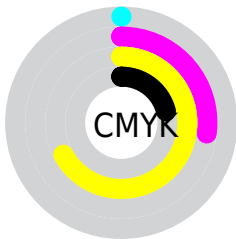
Blue (26%)



Red (62%)

Yellow (79%)

Blue (26%)

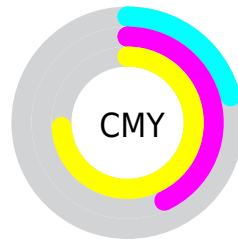


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (21%)



Cyan (21%)


Magenta (43%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3496, 33.3686, 9.7319 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 35.3496, 33.3686, 9.7319 by changing the saturation by 10% instead.


 35.3496, 33.3686,
9.7319


 35.3496, 33.3686,
9.7319


317.5898,
317.3074, 199.1625

 24.1001, 22.4090,
5.1183


 67.3575, 64.9506,
25.8899


 15.5330, 14.1577,
2.2569


 88.8465, 86.3417,
38.2713

 9.2831, 8.2304,
0.7069


 114.4794,
111.9788, 54.0791

 4.9849, 4.2428,
0.0000

 144.6216,
142.2462, 73.7319

 2.2730, 1.8103,
0.0000

 179.6384,
177.5284, 97.6480

 0.7808, 0.4936,
0.0000

219.8951,

 0.0000, 0.0000,

218.2098, 126.2462

0.0000

265.7571,
264.6746, 159.9448

■ 35.3496, 33.3686,
9.7319

■ 35.3496, 33.3686,
9.7319

■ 33.6407, 30.7385,
6.7348

■ 37.3586, 36.2661,
13.8567

■ 32.2049, 28.3579,
4.7420

■ 39.6869, 39.4376,
19.2113

■ 31.0096, 26.2121,
3.5888

■ 42.3544, 42.8952,
25.8883

■ 30.6981, 25.6392,
3.3309

■ 45.3785, 46.6485,
33.9707

■ 48.7752, 50.7068,
43.5349

■ 52.5595, 55.0786,
54.6516

■ 56.7454, 59.7721,
67.3869

■ 61.3462, 64.7951,
81.8030

■ 66.3747, 70.1550,
97.9591

Harmonies

Analogous

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



42.5558, 33.3686, 14.6187



35.3496, 33.3686, 9.7319



28.1311, 33.3686, 9.8041

Triad

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



35.3496, 33.3686, 9.7319



20.0664, 33.3686, 48.0928



42.7572, 33.3686, 72.2314

Complementary

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



35.3496, 33.3686, 9.7319



19.6263, 19.0491, 57.9003

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.



35.5929, 33.3686, 90.1484



35.3496, 33.3686, 9.7319



22.8933, 33.3686, 72.9824

Square

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



35.3496, 33.3686, 9.7319



20.0218, 33.3686, 27.1950



28.3401, 33.3686, 90.4663



47.2553, 33.3686, 47.3174

Rectangle

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



35.3496, 33.3686, 9.7319



24.2779, 33.3686, 12.5183



28.3401, 33.3686, 90.4663



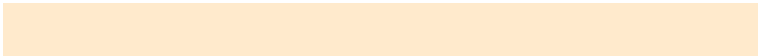
40.5361, 33.3686, 79.6296

Sweetspot

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



35.3504, 33.3703, 9.7325



81.6258, 84.5930, 69.1527



29.5640, 17.7255, 20.3572



17.1147, 17.6810, 13.7956



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.



35.3504, 33.3703, 9.7325



56.3189, 50.5492, 9.6339



43.0426, 53.0813, 13.1317



11.1476, 11.6643, 11.2267



19.3939, 16.3049, 2.1250



0.9882, 0.9118, 0.1239

Inverse Universe

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



19.6263, 19.0491, 57.9003



27.6221, 24.5230, 97.8853



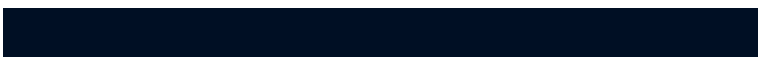
15.5718, 9.7020, 56.3098



10.4055, 10.9851, 13.4894



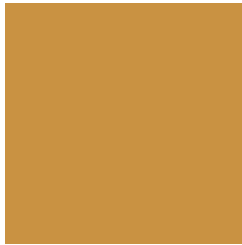
8.6053, 6.6046, 35.5656



0.4783, 0.4544, 1.7076

Previews

White Background



This preview shows how the XYZ color 35.3496, 33.3686, 9.7319 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 35.3496, 33.3686, 9.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

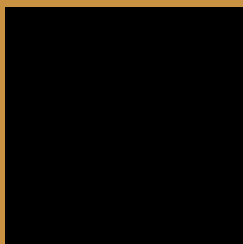
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3496, 33.3686, 9.7319

Background



This preview shows how black text looks on a background with the XYZ color 35.3496, 33.3686, 9.7319.



This preview shows how white text looks on a background with the XYZ color 35.3496, 33.3686,

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

35.3496, 33.3686, 9.7319

Protanopia

30.5867, 33.5423, 10.4924

Deuteranopia

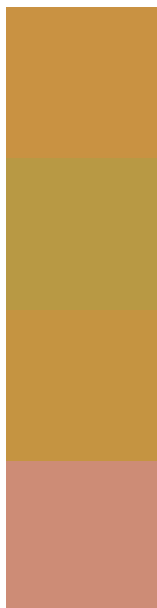
34.2073, 33.4786, 9.6601



Tritanopia

40.0231, 33.2948, 32.3341

Trichromacy



Original Color

35.3496, 33.3686, 9.7319

Protanomaly

32.2018, 33.3902, 10.2166

Deuteranomaly

34.5700, 33.4318, 9.6320

Tritanomaly

37.8249, 33.0433, 21.5239

Monochromacy



Original Color

35.3496, 33.3686, 9.7319

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.9351, 31.7392, 22.5850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3496, 33.3686, 9.7319 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(201, 146, 66)` looks like.

```
.text, #text, p{  
    color:rgb(201, 146, 66)  
}
```

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(201, 146, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 146, 66) }
```

Border

The CSS property to change the border of an element to XYZ 35.3496, 33.3686, 9.7319 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(201, 146, 66) }
```


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

```
.border{ border-color:rgb(201, 146, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 146, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 146, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 146, 66);  
box-shadow:4px 4px 4px 4px rgb(201, 146,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3496, 33.3686, 9.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 146, 66) }
```

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

```
.background{ background-color: rgb(201,  
146, 66) }
```

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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