

Converting Colors

XYZ(34.1522, 33.7130, 8.5792)

Have a look what the booklet for
XYZ(34.1522, 33.7130, 8.5792)
contains.

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Color

**XYZ(34.1505, 33.7102,
8.5777)**

Conversions

Conversions Part 1

Format	Color
Hex	C39639
RGB	195, 150, 57
RGB Percent	76%, 59%, 22%
CMY	0.2353, 0.4117, 0.7765
CMYK	0.00, 0.23, 0.71, 0.24
HSL	40°, 55%, 49%
HSV	40°, 71%, 76%
XYZ	34.1505, 33.7102, 8.5777
YIQ	152.8530, 56.6730, -19.3830

Conversions

Conversions Part 2

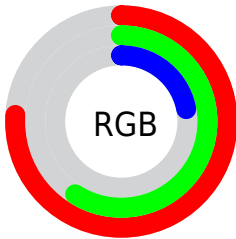
Format	Color
RYB	124, 195, 57
Decimal	12817977
CIELab	64.73, 7.48, 53.46
CIELCh	65, 53.977, 82.038
Yxy	33.7102, 0.4468, 0.4410
Android (android.graphics.Color)	4291008057 (0xFFC39639)
YUV	152.8530, -47.2555, 36.9629
Hunter-Lab	58.0605, 3.3858, 31.8830

Details

The XYZ color **34.1505, 33.7102, 8.5777** 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 **16.2888, 14.3121, 53.5333**, and the grayscale version is **30.3969, 31.9799, 34.8261**.

A 20% lighter version of the original color is **65.5932, 65.5499, 23.6633**, and **14.8737, 14.4327, 2.0019** is the 20% darker color. If you saturate the color by 10%, you get **32.7673, 31.5786, 6.1602**, and if you desaturate by 10%, it is **35.7771, 36.0299, 11.9983**.

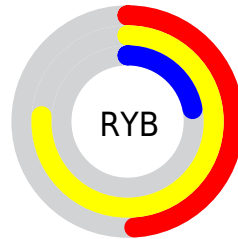
Distribution



Red (76%)

Green (59%)

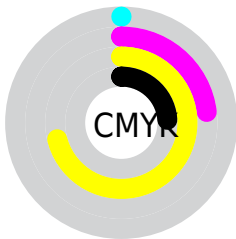
Blue (22%)



Red (49%)

Yellow (76%)

Blue (22%)

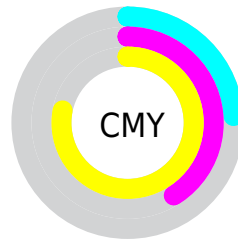


Cyan (0%)

Magenta (23%)

Yellow (71%)

Black (24%)



Cyan (24%)


Magenta (41%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1505, 33.7102, 8.5777 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 34.1505, 33.7102, 8.5777 by changing the saturation by 10% instead.


 34.1505, 33.7102,
8.5777


 34.1505, 33.7102,
8.5777


312.3767,
318.8379, 190.2961

 23.1727, 22.6711,
4.3737


 65.5104, 65.4828,
23.6480


 14.8425, 14.3508,
1.8325


 86.6231, 86.9850,
35.3515

 8.7945, 8.3651,
0.4493


 111.8449,
112.7436, 50.3918

 4.6634, 4.3294,
0.0000

 141.5411,
143.1432, 69.1876

 2.0839, 1.8595,
0.0000

 176.0770,
178.5680, 92.1574

 0.6804, 0.5238,
0.0000

 215.8180,

 0.0000, 0.0000,

219.4024, 119.7197

0.0000

261.1295,
266.0309, 152.2931

■ 34.1505, 33.7102,
8.5777

■ 34.1505, 33.7102,
8.5777

■ 32.7673, 31.5786,
6.1602

■ 35.7771, 36.0299,
11.9983

■ 31.6015, 29.6194,
4.6239

■ 37.6647, 38.5421,
16.5212

■ 30.6782, 27.9475,
3.7775

■ 39.8317, 41.2569,
22.2358

■ 42.2941, 44.1818,
29.2215

■ 45.0662, 47.3240,
37.5510

■ 48.1617, 50.6900,
47.2914

■ 51.5930, 54.2862,
58.5055

■ 55.3722, 58.1185,
71.2519

■ 59.5103, 62.1926,
85.5864

Harmonies

Analogous

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



42.1150, 33.7102, 12.2828



34.1505, 33.7102, 8.5777



26.7654, 33.7102, 9.6468

Triad

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



34.1505, 33.7102, 8.5777



20.1120, 33.7102, 55.1709



45.2918, 33.7102, 69.7352

Complementary

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



34.1505, 33.7102, 8.5777



16.2888, 14.3121, 53.5333

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.



37.9669, 33.7102, 92.2169



34.1505, 33.7102, 8.5777



23.7163, 33.7102, 81.7120

Square

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



34.1505, 33.7102, 8.5777



19.4267, 33.7102, 31.1019



30.0193, 33.7102, 97.3130



49.1910, 33.7102, 42.9429

Rectangle

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



34.1505, 33.7102, 8.5777



23.0578, 33.7102, 13.2480



30.0193, 33.7102, 97.3130



43.0973, 33.7102, 78.4289

Sweetspot

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



34.1513, 33.7119, 8.5784



80.4230, 84.4343, 66.3570



26.4170, 15.5079, 14.4334



17.2949, 18.1357, 13.5650



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.



34.1513, 33.7119, 8.5784



57.4833, 54.5736, 9.3266



37.2667, 48.0959, 11.1906



10.6277, 11.1868, 10.6610



20.0186, 18.3229, 2.4816



0.9255, 0.9128, 0.1274

Inverse Universe

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



16.2888, 14.3121, 53.5333



23.7814, 18.1562, 94.7209



14.6220, 8.5722, 52.5132



9.7905, 10.2724, 12.7516



7.6472, 5.0509, 34.1285



0.3941, 0.3456, 1.4958

Previews

White Background



This preview shows how the XYZ color 34.1505, 33.7102, 8.5777 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 34.1505, 33.7102, 8.5777 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 34.1505, 33.7102, 8.5777

Background



This preview shows how black text looks on a background with the XYZ color 34.1505, 33.7102, 8.5777.



This preview shows how white text looks on a background with the XYZ color 34.1505, 33.7102,

8.5777.

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

34.1505, 33.7102, 8.5777

Protanopia

30.9208, 33.9996, 9.0706

Deuteranopia

34.2509, 33.5261, 8.5369



Tritanopia

39.4679, 33.8407, 33.7299

Trichromacy



Original Color

34.1505, 33.7102, 8.5777

Protanomaly

32.0135, 33.8155, 8.8427

Deuteranomaly

34.2509, 33.5261, 8.5369

Tritanomaly

36.7373, 33.3730, 21.3350

Monochromacy



Original Color

34.1505, 33.7102, 8.5777

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6467, 32.0893, 21.7181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1505, 33.7102, 8.5777 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(195, 150, 57)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 57)  
}
```

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(195, 150, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 57) }
```

Border

The CSS property to change the border of an element to XYZ 34.1505, 33.7102, 8.5777 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(195, 150, 57) }
```


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

```
.border{ border-color:rgb(195, 150, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 57);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1505, 33.7102, 8.5777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 57) }
```

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

```
.background{ background-color: rgb(195,  
150, 57) }
```

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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