

Converting Colors

XYZ(36.0557, 34.6778, 5.2029)

Have a look what the booklet for
XYZ(36.0557, 34.6778, 5.2029)
contains.

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Color

**XYZ(36.1624, 34.8235,
5.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	CD960E
RGB	205, 150, 14
RGB Percent	80%, 59%, 5%
CMY	0.1961, 0.4117, 0.9451
CMYK	0.00, 0.27, 0.93, 0.20
HSL	43°, 87%, 43%
HSV	43°, 93%, 80%
XYZ	36.1624, 34.8235, 5.2311
YIQ	150.9410, 76.4360, -30.6360

Conversions

Conversions Part 2

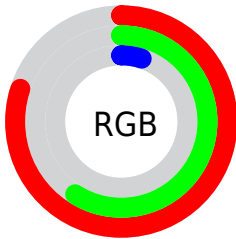
Format	Color
R _Y B	91, 205, 14
Decimal	13473294
CIE Lab	65.61, 10.54, 68.00
CIE LCh	66, 68.813, 81.194
Yxy	34.8235, 0.4745, 0.4569
Android (android.graphics.Color)	4291663374 (0xFFCD960E)
YUV	150.9410, -67.5119, 47.4097
Hunter-Lab	59.0114, 6.1154, 36.0522

Details

The XYZ color **36.1624, 34.8235, 5.2311** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **13.3289, 8.7579, 58.7450**, and the grayscale version is **29.6484, 31.1924, 33.9685**.

A 20% lighter version of the original color is **64.2441, 65.0102, 16.5593**, and **16.2342, 15.1341, 2.0655** is the 20% darker color. If you saturate the color by 10%, you get **35.4511, 33.5280, 4.6031**, and if you desaturate by 10%, it is **37.3458, 36.8437, 6.6954**.

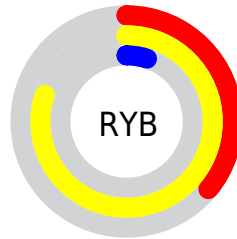
Distribution



Red (80%)

Green (59%)

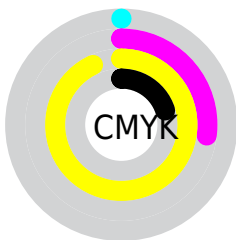
Blue (5%)



Red (36%)

Yellow (80%)

Blue (5%)

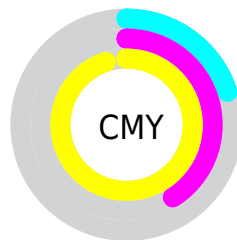


Cyan (0%)

Magenta (27%)

Yellow (93%)

Black (20%)



Cyan (20%)


Magenta (41%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1624, 34.8235, 5.2311 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 36.1624, 34.8235, 5.2311 by changing the saturation by 10% instead.


 36.1624, 34.8235,
5.2311


 36.1624, 34.8235,
5.2311


321.0887,
323.7886, 161.0585


 24.7303, 23.5269,
2.3224


 68.6049, 67.2123,
16.7620

 16.0039, 14.9831,
0.7437


 90.3460, 89.0732,
26.2213


 9.6178, 8.8075,
0.0000


 116.2542,
115.2245, 38.7012

 5.2066, 4.6158,
0.0000

 146.6948,
146.0504, 54.6202

 2.4050, 2.0237,
0.0000

 182.0332,
181.9354, 74.3969

 0.8476, 0.6212,
0.0000

 222.6348,

 0.0000, 0.0000,

223.2638, 98.4498

0.0000

268.8648,
270.4201, 127.1975

36.1624, 34.8235,
5.2311

36.1624, 34.8235,
5.2311

35.4511, 33.5280,
4.6031

37.3458, 36.8437,
6.6954

38.7535, 39.0291,
9.1065

40.4140, 41.3938,
12.6082

42.3505, 43.9479,
17.3194

44.5831, 46.7007,
23.3432

■ 47.1301, 49.6603,
30.7719

■ 50.0077, 52.8343,
39.6892

■ 53.2314, 56.2297,
50.1723

■ 56.8153, 59.8533,
62.2930

Harmonies

Analogous

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



46.8249, 34.8235, 8.9887



36.1624, 34.8235, 5.2311



26.5613, 34.8235, 6.1052

Triad

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



36.1624, 34.8235, 5.2311



18.0906, 34.8235, 61.7933



50.6600, 34.8235, 84.5555

Complementary

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



36.1624, 34.8235, 5.2311



13.3289, 8.7579, 58.7450

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.



40.6293, 34.8235, 117.0280



36.1624, 34.8235, 5.2311



22.3571, 34.8235, 99.8865

Square

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



36.1624, 34.8235, 5.2311



17.3751, 34.8235, 30.0220



30.2131, 34.8235, 123.7382



56.2437, 34.8235, 47.0871

Rectangle

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



36.1624, 34.8235, 5.2311



21.8832, 34.8235, 9.5715



30.2131, 34.8235, 123.7382



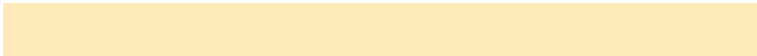
47.6105, 34.8235, 97.0718

Sweetspot

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



36.1632, 34.8252, 5.2318



79.3984, 83.8010, 57.1183



26.4810, 13.7522, 7.2717



16.5659, 17.4585, 10.9150



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.



36.1632, 34.8252, 5.2318



57.8811, 54.5422, 7.4770



37.8048, 51.8878, 8.4386



11.8703, 12.5296, 11.8723



22.1548, 21.0425, 2.8939



1.2060, 1.2116, 0.1703

Inverse Universe

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



13.3289, 8.7579, 58.7450



20.4606, 12.0411, 95.8535



12.6034, 5.4577, 58.1462



10.8605, 11.3614, 14.1909



7.9058, 4.8356, 36.4729



0.4737, 0.3812, 1.9036

Previews

White Background



This preview shows how the XYZ color 36.1624, 34.8235, 5.2311 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 36.1624, 34.8235, 5.2311 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 36.1624, 34.8235, 5.2311

Background



This preview shows how black text looks on a background with the XYZ color 36.1624, 34.8235, 5.2311.



This preview shows how white text looks on a background with the XYZ color 36.1624, 34.8235,

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

36.1624, 34.8235, 5.2311

Protanopia

31.5024, 34.8886, 5.6461

Deuteranopia

35.4901, 34.7163, 5.1782



Tritanopia

41.8890, 34.6643, 33.3372

Trichromacy



Original Color

36.1624, 34.8235, 5.2311

Protanomaly

32.9759, 34.6362, 5.4778

Deuteranomaly

35.7679, 34.8588, 5.2240

Tritanomaly

38.4659, 34.1398, 16.8742

Monochromacy



Original Color

36.1624, 34.8235, 5.2311

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2102, 31.7307, 16.8443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1624, 34.8235, 5.2311 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(205, 150, 14)` looks like.

```
.text, #text, p{  
    color:rgb(205, 150, 14)  
}
```

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(205, 150, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 150, 14) }
```

Border

The CSS property to change the border of an element to XYZ 36.1624, 34.8235, 5.2311 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(205, 150, 14) }
```


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

```
.border{ border-color:rgb(205, 150, 14) }
```

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

Here you see how a box with a 4 pixel rgb(205, 150, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 150, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 150, 14);  
box-shadow:4px 4px 4px 4px rgb(205, 150,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1624, 34.8235, 5.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 150, 14) }
```

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

```
.background{ background-color: rgb(205,  
150, 14) }
```

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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