

Converting Colors

XYZ(36.0564, 34.2472, 8.9850)

Have a look what the booklet for
XYZ(36.0564, 34.2472, 8.9850)
contains.

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Color

**XYZ(36.0341, 34.2026,
8.9775)**

Conversions

Conversions Part 1

Format	Color
Hex	CB943C
RGB	203, 148, 60
RGB Percent	80%, 58%, 24%
CMY	0.2039, 0.4196, 0.7647
CMYK	0.00, 0.27, 0.70, 0.20
HSL	37°, 58%, 52%
HSV	37°, 70%, 80%
XYZ	36.0341, 34.2026, 8.9775
YIQ	154.4130, 61.0280, -15.7080

Conversions

Conversions Part 2

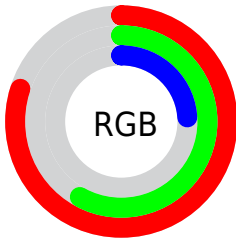
Format	Color
RYB	149, 203, 60
Decimal	13341756
CIELab	65.12, 12.21, 52.82
CIElCh	65, 54.212, 76.984
Yxy	34.2026, 0.4549, 0.4318
Android (android.graphics.Color)	4291531836 (0xFFCB943C)
YUV	154.4130, -46.5456, 42.6108
Hunter-Lab	58.4830, 7.6370, 31.8367

Details

The XYZ color **36.0341, 34.2026, 8.9775** 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 **18.7733, 17.5330, 58.8942**, and the grayscale version is **31.0773, 32.6957, 35.6056**.

A 20% lighter version of the original color is **65.2852, 64.6709, 24.3711**, and **16.0447, 14.7551, 2.0024** is the 20% darker color. If you saturate the color by 10%, you get **34.4135, 31.6619, 6.2786**, and if you desaturate by 10%, it is **37.9446, 36.9942, 12.7888**.

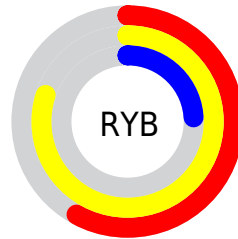
Distribution



Red (80%)

Green (58%)

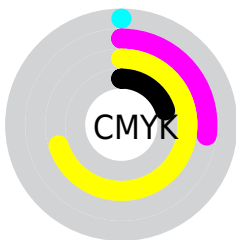
Blue (24%)



Red (58%)

Yellow (80%)

Blue (24%)

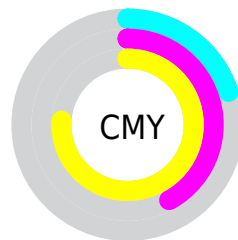


Cyan (0%)

Magenta (27%)

Yellow (70%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0341, 34.2026, 8.9775 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 36.0341, 34.2026, 8.9775 by changing the saturation by 10% instead.


 36.0341, 34.2026,
8.9775


 36.0341, 34.2026,
8.9775


320.5382,
321.0345, 193.4218


 24.6308, 23.0493,
4.6299


 68.4082, 66.2486,
24.4307

 15.9294, 14.6299,
1.9769


 90.1097, 87.9101,
36.3733


 9.5648, 8.5601,
0.5410


 115.9746,
113.8431, 51.6847

 5.1714, 4.4554,
0.0000

 146.3684,
144.4320, 70.7834

 2.3840, 1.9314,
0.0000

 181.6562,
180.0612, 94.0879

 0.8371, 0.5672,
0.0000

 222.2036,

 0.0000, 0.0000,

221.1151, 122.0168

0.0000

268.3758,
267.9780, 154.9886

■ 36.0341, 34.2026,
8.9775

■ 36.0341, 34.2026,
8.9775

■ 34.4135, 31.6619,
6.2786

■ 37.9446, 36.9942,
12.7888

■ 33.0539, 29.3538,
4.5580

■ 40.1654, 40.0432,
17.8222

■ 31.9532, 27.3459,
3.5942

■ 42.7172, 43.3617,
24.1760

■ 45.6181, 46.9594,
31.9380

■ 48.8847, 50.8451,
41.1884

■ 52.5323, 55.0274,
52.0014

■ 56.5755, 59.5142,
64.4460

■ 61.0278, 64.3131,
78.5872

■ 65.9020, 69.4314,
94.4863

Harmonies

Analogous

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



43.9528, 34.2026, 13.7043



36.0341, 34.2026, 8.9775



28.2888, 34.2026, 9.2815

Triad

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



36.0341, 34.2026, 8.9775



20.0861, 34.2026, 51.3763



44.8644, 34.2026, 75.2813

Complementary

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



36.0341, 34.2026, 8.9775



18.7733, 17.5330, 58.8942

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.



37.1284, 34.2026, 95.9034



36.0341, 34.2026, 8.9775



23.2462, 34.2026, 78.7228

Square

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



36.0341, 34.2026, 8.9775



19.8901, 34.2026, 28.3149



29.2208, 34.2026, 97.3691



49.5775, 34.2026, 47.8693

Rectangle

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



36.0341, 34.2026, 8.9775



24.2344, 34.2026, 12.2548



29.2208, 34.2026, 97.3691



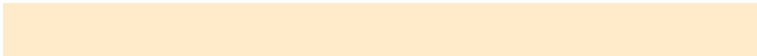
42.4795, 34.2026, 83.6456

Sweetspot

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



36.0349, 34.2043, 8.9782



81.3741, 84.5752, 67.5721



29.4671, 17.2175, 18.6619



17.0795, 17.7048, 13.4932



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.



36.0349, 34.2043, 8.9782



56.2785, 50.7708, 8.6885



43.0833, 53.8182, 12.3925



11.7774, 12.3438, 11.8413



20.4255, 17.5839, 2.3175



1.1258, 1.0513, 0.1436

Inverse Universe

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



18.7733, 17.5330, 58.8942



25.7700, 21.4597, 97.3916



15.2428, 9.0116, 57.4355



10.9496, 11.5396, 14.2206



8.6790, 6.3820, 36.7307



0.5207, 0.4751, 1.9192

Previews

White Background



This preview shows how the XYZ color 36.0341, 34.2026, 8.9775 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 36.0341, 34.2026, 8.9775 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 36.0341, 34.2026, 8.9775

Background



This preview shows how black text looks on a background with the XYZ color 36.0341, 34.2026, 8.9775.



This preview shows how white text looks on a background with the XYZ color 36.0341, 34.2026,

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

36.0341, 34.2026, 8.9775

Protanopia

31.4268, 34.5023, 9.7059

Deuteranopia

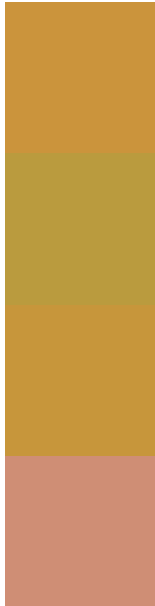
34.8820, 34.3193, 8.9235



Tritanopia

40.9519, 34.1905, 32.8748

Trichromacy



Original Color

36.0341, 34.2026, 8.9775

Protanomaly

32.8405, 34.2296, 9.4335

Deuteranomaly

35.2490, 34.2706, 8.8947

Tritanomaly

38.6160, 33.8958, 21.3369

Monochromacy



Original Color

36.0341, 34.2026, 8.9775

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.6317, 32.5832, 22.3913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0341, 34.2026, 8.9775 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(203, 148, 60)` looks like.

```
.text, #text, p{  
    color:rgb(203, 148, 60)  
}
```

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(203, 148, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 148, 60) }
```

Border

The CSS property to change the border of an element to XYZ 36.0341, 34.2026, 8.9775 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(203, 148, 60) }
```


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

```
.border{ border-color:rgb(203, 148, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 148, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 148, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 148, 60);  
box-shadow:4px 4px 4px 4px rgb(203, 148,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0341, 34.2026, 8.9775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 148, 60) }
```

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

```
.background{ background-color: rgb(203,  
148, 60) }
```

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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