

Converting Colors

XYZ(34.0428, 33.9955, 10.9586)

Have a look what the booklet for
XYZ(34.0428, 33.9955, 10.9586)
contains.

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Color

**XYZ(34.1362, 34.1308,
10.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	C09848
RGB	192, 152, 72
RGB Percent	75%, 60%, 28%
CMY	0.2471, 0.4039, 0.7176
CMYK	0.00, 0.21, 0.62, 0.25
HSL	40°, 49%, 52%
HSV	40°, 62%, 75%
XYZ	34.1362, 34.1308, 10.9196
YIQ	154.8400, 49.5200, -16.4000

Conversions

Conversions Part 2

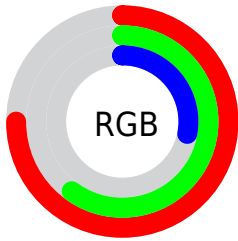
Format	Color
RYB	132, 192, 72
Decimal	12621896
CIELab	65.07, 5.99, 46.85
CIELCh	65, 47.230, 82.719
Yxy	34.1308, 0.4311, 0.4310
Android (android.graphics.Color)	4290811976 (0xFFC09848)
YUV	154.8400, -40.8401, 32.5893
Hunter-Lab	58.4216, 2.0613, 29.8132

Details

The XYZ color **34.1362, 34.1308, 10.9196** 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 **17.9809, 16.7712, 52.1585**, and the grayscale version is **31.2453, 32.8724, 35.7981**.

A 20% lighter version of the original color is **65.4301, 66.0819, 28.0454**, and **14.7716, 14.5088, 2.6837** is the 20% darker color. If you saturate the color by 10%, you get **32.5945, 31.8981, 7.7834**, and if you desaturate by 10%, it is **35.9312, 36.5572, 15.1058**.

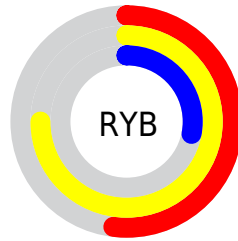
Distribution



Red (75%)

Green (60%)

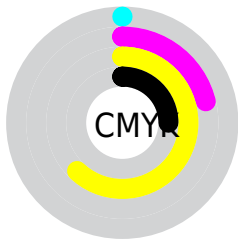
Blue (28%)



Red (52%)

Yellow (75%)

Blue (28%)

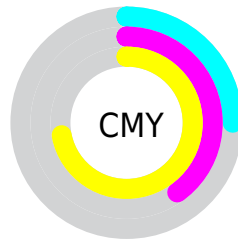


Cyan (0%)

Magenta (21%)

Yellow (62%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1362, 34.1308, 10.9196 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 34.1362, 34.1308, 10.9196 by changing the saturation by 10% instead.


 34.1362, 34.1308,
10.9196


 34.1362, 34.1308,
10.9196

312.3142,
320.7149, 207.8327


 23.1616, 22.9941,
5.8993


 65.4883, 66.1370,
28.1458

 14.8343, 14.5892,
2.7161


 86.5965, 87.7753,
41.1887


 8.7887, 8.5316,
0.9515


 111.8134,
113.6830, 57.7430

 4.6596, 4.4369,
0.0000

 141.5042,
144.2443, 78.2271

 2.0817, 1.9208,
0.0000

 176.0343,
179.8438, 103.0596

 0.6792, 0.5609,
0.0000

215.7691,

 0.0000, 0.0000,

220.8658, 132.6590

0.0000

261.0740,
267.6947, 167.4439

■ 34.1362, 34.1308,
10.9196

■ 34.1362, 34.1308,
10.9196

■ 32.5945, 31.8981,
7.7834

■ 35.9312, 36.5572,
15.1058

■ 31.2837, 29.8447,
5.5952

■ 37.9943, 39.1805,
20.4270

■ 30.1814, 27.9616,
4.2363

■ 40.3420, 42.0100,
26.9618

■ 29.4583, 26.6466,
3.5907

■ 42.9886, 45.0527,
34.7813

■ 45.9470, 48.3153,
43.9509

■ 49.2298, 51.8037,
54.5316

■ 52.8485, 55.5240,
66.5807

■ 56.8141, 59.4817,
80.1522

■ 61.1370, 63.6821,
95.2974

Harmonies

Analogous

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



41.0784, 34.1308, 14.5244



34.1362, 34.1308, 10.9196



27.6206, 34.1308, 12.1186

Triad

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



34.1362, 34.1308, 10.9196



21.7565, 34.1308, 53.6936



44.0728, 34.1308, 64.9717

Complementary

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



34.1362, 34.1308, 10.9196



17.9809, 16.7712, 52.1585

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.



37.7904, 34.1308, 83.8693



34.1362, 34.1308, 10.9196



25.1069, 34.1308, 75.9196

Square

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



34.1362, 34.1308, 10.9196



21.0633, 34.1308, 32.5895



30.8015, 34.1308, 88.4570



47.3162, 34.1308, 42.1447

Rectangle

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



34.1362, 34.1308, 10.9196



24.3097, 34.1308, 15.7873



30.8015, 34.1308, 88.4570



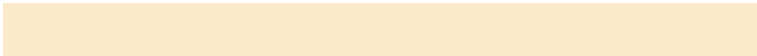
42.2075, 34.1308, 72.2807

Sweetspot

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



34.1370, 34.1325, 10.9203



79.5430, 83.4779, 68.0581



26.9804, 17.0113, 17.1911



16.7444, 17.5510, 13.6226



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1370, 34.1325, 10.9203



58.1332, 56.3828, 12.4451



37.0327, 46.9378, 13.2393



10.6215, 11.1744, 10.6589



19.8962, 18.0782, 2.4408



0.9209, 0.9035, 0.1259

Inverse Universe

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



17.9809, 16.7712, 52.1585



26.5826, 22.5882, 93.3192



16.2457, 10.7162, 51.0812



9.7965, 10.2843, 12.7536



7.7002, 5.1570, 34.1462



0.3969, 0.3511, 1.4967

Previews

White Background



This preview shows how the XYZ color 34.1362, 34.1308, 10.9196 looks on a white background.

Color Contrast Check

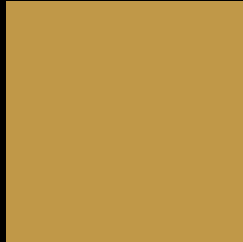
Large Text (above 18pt) WCAG AA × Fail

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 34.1362, 34.1308, 10.9196 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 34.1362, 34.1308, 10.9196

Background



This preview shows how black text looks on a background with the XYZ color 34.1362, 34.1308, 10.9196.



This preview shows how white text looks on a background with the XYZ color 34.1362, 34.1308,

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

34.1362, 34.1308, 10.9196

Protanopia

31.1421, 34.0621, 11.4118

Deuteranopia

34.8410, 34.0163, 10.8604



Tritanopia

38.9439, 33.9838, 35.0788

Trichromacy



Original Color

34.1362, 34.1308, 10.9196

Protanomaly

32.1471, 34.0817, 11.1874

Deuteranomaly

34.7420, 34.2032, 10.9017

Tritanomaly

36.6819, 33.7488, 23.6496

Monochromacy



Original Color

34.1362, 34.1308, 10.9196

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4057, 32.9167, 24.1003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1362, 34.1308, 10.9196 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(192, 152, 72)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 72)  
}
```

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(192, 152, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 72) }
```

Border

The CSS property to change the border of an element to XYZ 34.1362, 34.1308, 10.9196 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(192, 152, 72) }
```


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

```
.border{ border-color:rgb(192, 152, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 152, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 72);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1362, 34.1308, 10.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 72) }
```

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

```
.background{ background-color: rgb(192,  
152, 72) }
```

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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