

Converting Colors

XYZ(34.2090, 33.5897, 15.5085)

Have a look what the booklet for
XYZ(34.2090, 33.5897, 15.5085)
contains.

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Color

**XYZ(34.2071, 33.5861,
15.5063)**

Conversions

Conversions Part 1

Format	Color
Hex	BE965F
RGB	190, 150, 95
RGB Percent	75%, 59%, 37%
CMY	0.2549, 0.4117, 0.6274
CMYK	0.00, 0.21, 0.50, 0.25
HSL	35°, 42%, 56%
HSV	35°, 50%, 75%
XYZ	34.2071, 33.5861, 15.5063
YIQ	155.6900, 41.4950, -8.6250

Conversions

Conversions Part 2

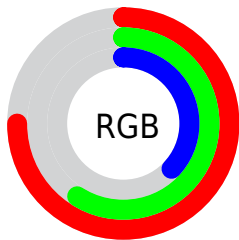
Format	Color
RYB	164, 190, 95
Decimal	12490335
CIELab	64.63, 8.10, 34.58
CIElCh	65, 35.515, 76.815
Yxy	33.5861, 0.4107, 0.4032
Android (android.graphics.Color)	4290680415 (0xFFBE965F)
YUV	155.6900, -29.9202, 30.0899
Hunter-Lab	57.9535, 3.9411, 24.7036

Details

The XYZ color **34.2071, 33.5861, 15.5063** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.6771, 23.4775, 52.0514**, and the grayscale version is **31.5786, 33.2232, 36.1800**.

A 20% lighter version of the original color is **65.4926, 65.2175, 36.3305**, and **14.8064, 14.1972, 4.6493** is the 20% darker color. If you saturate the color by 10%, you get **32.2136, 30.8168, 11.0882**, and if you desaturate by 10%, it is **36.5000, 36.6172, 21.0641**.

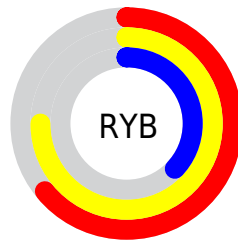
Distribution



Red (75%)

Green (59%)

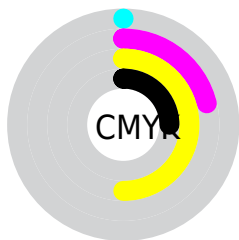
Blue (37%)



Red (64%)

Yellow (75%)

Blue (37%)

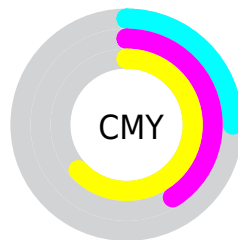


Cyan (0%)

Magenta (21%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2071, 33.5861, 15.5063 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 34.2071, 33.5861, 15.5063 by changing the saturation by 10% instead.


 34.2071, 33.5861,
15.5063


 34.2071, 33.5861,
15.5063


312.6242,
318.2825, 238.1560


 23.2164, 22.5758,
9.0249


 65.5978, 65.2895,
36.4937


 14.8749, 14.2806,
4.6604


 86.7284, 86.7514,
51.8369

 8.8174, 8.3161,
1.9942


 111.9697,
112.4660, 70.9711

 4.6784, 4.2979,
0.5517

 141.6871,
142.8176, 94.3148

 2.0927, 1.8415,
0.0000

176.2459,
178.1907, 122.2866

 0.6852, 0.5129,
0.0000

216.0114,

 0.0000, 0.0000,

218.9696, 155.3051

0.0000

261.3491,
265.5387, 193.7887

■ 34.2071, 33.5861,
15.5063

■ 34.2071, 33.5861,
15.5063

■ 32.2136, 30.8168,
11.0882

■ 36.5000, 36.6172,
21.0641

■ 30.4998, 28.2947,
7.7250

■ 39.1057, 39.9142,
27.8340

■ 29.0469, 26.0108,
5.3235

■ 42.0392, 43.4871,
35.8845

■ 27.8322, 23.9531,
3.7727

■ 45.3141, 47.3439,
45.2787

■ 26.8121, 22.1011,
2.8528

■ 48.9431, 51.4919,
56.0753

■ 26.8120, 22.1010,
2.8528

■ 52.9378, 55.9385,
68.3296

■ 57.3098, 60.6905,
82.0936

■ 62.0697, 65.7544,
97.4171

■ 65.4054, 70.4078,
104.7506

Harmonies

Analogous

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



39.0989, 33.5861, 19.7041



34.2071, 33.5861, 15.5063



29.1744, 33.5861, 15.7672

Triad

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



34.2071, 33.5861, 15.5063



23.4414, 33.5861, 45.2913



39.6030, 33.5861, 59.2981

Complementary

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



34.2071, 33.5861, 15.5063



22.6771, 23.4775, 52.0514

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.



34.8381, 33.5861, 70.4931



34.2071, 33.5861, 15.5063



25.6829, 33.5861, 61.0482

Square

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



34.2071, 33.5861, 15.5063



23.3110, 33.5861, 30.5423



29.7421, 33.5861, 71.2074



42.4301, 33.5861, 43.3418

Rectangle

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



34.2071, 33.5861, 15.5063



26.4101, 33.5861, 18.4083



29.7421, 33.5861, 71.2074



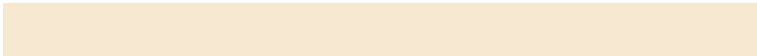
38.1532, 33.5861, 63.9084

Sweetspot

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



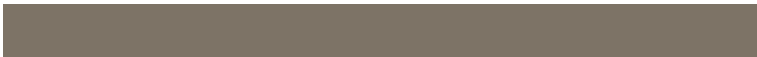
34.2079, 33.5877, 15.5070



78.9257, 82.0645, 72.8148



29.7833, 20.9141, 25.8221



17.0570, 17.6962, 15.2068



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.



34.2079, 33.5877, 15.5070



58.0522, 55.3807, 19.4192



40.1663, 47.8022, 17.9366



9.9765, 10.4290, 10.0638



17.9076, 14.8540, 1.9233



0.7649, 0.7086, 0.0965

Inverse Universe

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



22.6771, 23.4775, 52.0514



34.8002, 35.0234, 93.2052



18.7910, 14.6885, 50.5597



9.3377, 9.8678, 12.0847



8.1613, 6.4343, 33.2047



0.3845, 0.3817, 1.3223

Previews

White Background



This preview shows how the XYZ color 34.2071, 33.5861, 15.5063 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 34.2071, 33.5861, 15.5063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

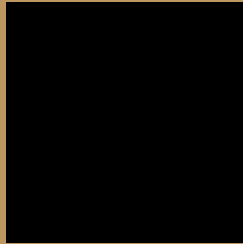
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2071, 33.5861, 15.5063

Background



This preview shows how black text looks on a background with the XYZ color 34.2071, 33.5861, 15.5063.



This preview shows how white text looks on a background with the XYZ color 34.2071, 33.5861,

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

34.2071, 33.5861, 15.5063

Protanopia

31.0562, 33.6537, 16.4143

Deuteranopia

34.2071, 33.5861, 15.5063



Tritanopia

38.1609, 33.5801, 35.0422

Trichromacy



Original Color

34.2071, 33.5861, 15.5063

Protanomaly

32.0734, 33.4392, 16.0732

Deuteranomaly

34.2071, 33.5861, 15.5063

Tritanomaly

36.5048, 33.5887, 26.7496

Monochromacy



Original Color

34.2071, 33.5861, 15.5063

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0071, 33.1573, 27.2673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2071, 33.5861, 15.5063 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(190, 150, 95)` looks like.

```
.text, #text, p{  
    color:rgb(190, 150, 95)  
}
```

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(190, 150, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 150, 95) }
```

Border

The CSS property to change the border of an element to XYZ 34.2071, 33.5861, 15.5063 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(190, 150, 95) }
```


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

```
.border{ border-color:rgb(190, 150, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 150, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 150, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 150, 95);  
box-shadow:4px 4px 4px 4px rgb(190, 150,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2071, 33.5861, 15.5063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 150, 95) }
```

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

```
.background{ background-color: rgb(190,  
150, 95) }
```

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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