

Converting Colors

XYZ(34.8459, 35.4444, 15.0315)

Have a look what the booklet for
XYZ(34.8459, 35.4444, 15.0315)
contains.

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Color

**XYZ(34.8065, 35.3685,
15.1175)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9C5C
RGB	189, 156, 92
RGB Percent	74%, 61%, 36%
CMY	0.2588, 0.3882, 0.6392
CMYK	0.00, 0.17, 0.51, 0.26
HSL	40°, 42%, 55%
HSV	40°, 51%, 74%
XYZ	34.8065, 35.3685, 15.1175
YIQ	158.5710, 40.2120, -12.9080

Conversions

Conversions Part 2

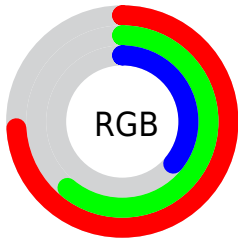
Format	Color
RYB	142, 189, 92
Decimal	12426332
CIELab	66.03, 4.12, 37.88
CIELCh	66, 38.100, 83.787
Yxy	35.3685, 0.4081, 0.4147
Android (android.graphics.Color)	4290616412 (0xFFBD9C5C)
YUV	158.5710, -32.8195, 26.6862
Hunter-Lab	59.4714, 0.3947, 26.5586

Details

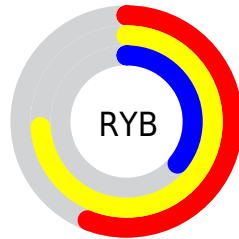
The XYZ color **34.8065, 35.3685, 15.1175** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.9322, 20.6158, 51.0199**, and the grayscale version is **32.8917, 34.6046, 37.6844**.

A 20% lighter version of the original color is **66.3623, 67.8505, 35.5854**, and **15.1791, 15.2715, 4.5306** is the 20% darker color. If you saturate the color by 10%, you get **33.0310, 32.9789, 10.9457**, and if you desaturate by 10%, it is **36.8469, 37.9582, 20.3952**.

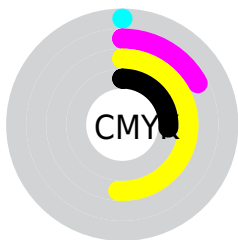
Distribution



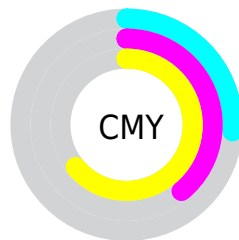
- Red (74%)
- Green (61%)
- Blue (36%)



- Red (56%)
- Yellow (74%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (51%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8065, 35.3685, 15.1175 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 34.8065, 35.3685, 15.1175 by changing the saturation by 10% instead.


 34.8065, 35.3685,
15.1175


 34.8065, 35.3685,
15.1175


315.2364,
326.1919, 235.7415

 23.6797, 23.9469,
8.7544


 66.5219, 68.0562,
35.8044

 15.2196, 15.2942,
4.4867


 87.8412, 90.0911,
50.9652

 9.0610, 9.0261,
1.8960


 113.2887,
116.4326, 69.8957

 4.8384, 4.7582,
0.4902

 143.2297,
147.4650, 93.0143

 2.1865, 2.1061,
0.0000

178.0296,
183.5727, 120.7397

 0.7356, 0.6681,
0.0000

218.0538,

 0.0000, 0.0000,

225.1402, 153.4903

0.0000

263.6676,
272.5518, 191.6848

■ 34.8065, 35.3685,
15.1175

■ 34.8065, 35.3685,
15.1175

■ 33.0310, 32.9789,
10.9457

■ 36.8469, 37.9582,
20.3952

■ 31.5014, 30.7762,
7.7950

■ 39.1646, 40.7502,
26.8508

■ 30.1997, 28.7533,
5.5719

■ 41.7741, 43.7529,
34.5525

■ 29.1039, 26.8998,
4.1643

■ 44.6878, 46.9728,
43.5629

■ 28.2832, 25.4127,
3.4145

■ 47.9178, 50.4158,
53.9401

■ 51.4750, 54.0877,
65.7390

■ 55.3701, 57.9939,
79.0112

■ 59.6131, 62.1396,
93.8058

■ 63.0488, 66.0639,
104.0363

Harmonies

Analogous

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



40.4539, 35.3685, 18.4629



34.8065, 35.3685, 15.1175



29.4215, 35.3685, 16.4756

Triad

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



34.8065, 35.3685, 15.1175



24.6214, 35.3685, 52.4758



43.1684, 35.3685, 59.9775

Complementary

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



34.8065, 35.3685, 15.1175



20.9322, 20.6158, 51.0199

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.



38.1928, 35.3685, 74.5838



34.8065, 35.3685, 15.1175



27.5968, 35.3685, 69.4721

Square

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



34.8065, 35.3685, 15.1175



23.9298, 35.3685, 35.2394



32.4543, 35.3685, 78.4731



45.6179, 35.3685, 41.9775

Rectangle

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



34.8065, 35.3685, 15.1175



26.6440, 35.3685, 20.1293



32.4543, 35.3685, 78.4731



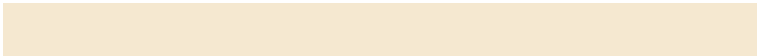
41.7107, 35.3685, 65.6293

Sweetspot

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



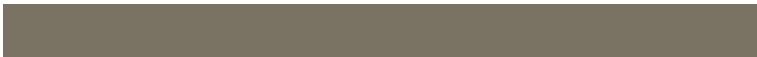
34.8074, 35.3702, 15.1182



77.9253, 81.8221, 71.4123



28.5762, 19.9785, 22.0722



16.5209, 17.3340, 14.6252



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.8074, 35.3702, 15.1182



58.6714, 58.3835, 18.5383



37.6853, 46.2182, 17.0604



10.0415, 10.5590, 10.0855



19.1029, 17.2447, 2.3217



0.8066, 0.7922, 0.1104

Inverse Universe

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



20.9322, 20.6158, 51.0199



31.0398, 29.0532, 90.1981



19.0222, 14.4268, 49.9260



9.2747, 9.7417, 12.0637



7.4891, 5.0899, 32.9806



0.3551, 0.3228, 1.3125

Previews

White Background



This preview shows how the XYZ color 34.8065, 35.3685, 15.1175 looks on a white background.

Color Contrast Check

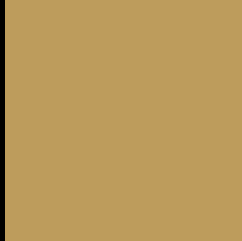
Large Text (above 18pt) WCAG AA × Fail

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 34.8065, 35.3685, 15.1175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

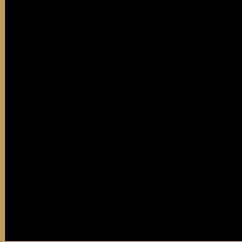
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8065, 35.3685, 15.1175

Background



This preview shows how black text looks on a background with the XYZ color 34.8065, 35.3685, 15.1175.



This preview shows how white text looks on a background with the XYZ color 34.8065, 35.3685,

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

34.8065, 35.3685, 15.1175

Protanopia

32.6697, 35.5280, 15.7254

Deuteranopia

36.1320, 35.3085, 15.2668



Tritanopia

39.3536, 35.2851, 37.5374

Trichromacy



Original Color

34.8065, 35.3685, 15.1175

Protanomaly

33.4300, 35.4103, 15.4289

Deuteranomaly

35.5237, 35.2390, 15.2854

Tritanomaly

37.4321, 35.2199, 27.7469

Monochromacy



Original Color

34.8065, 35.3685, 15.1175

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.1776, 34.7490, 27.8803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8065, 35.3685, 15.1175 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(189, 156, 92)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 92)  
}
```

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(189, 156, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 92) }
```

Border

The CSS property to change the border of an element to XYZ 34.8065, 35.3685, 15.1175 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(189, 156, 92) }
```


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

```
.border{ border-color:rgb(189, 156, 92) }
```

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

Here you see how a box with a 4 pixel rgb(189, 156, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 92);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8065, 35.3685, 15.1175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 92) }
```

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

```
.background{ background-color: rgb(189,  
156, 92) }
```

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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