

Converting Colors

XYZ(34.9794, 34.1264, 20.4326)

Have a look what the booklet for
XYZ(34.9794, 34.1264, 20.4326)
contains.

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Color

**XYZ(35.0335, 34.1443,
20.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9771
RGB	189, 151, 113
RGB Percent	74%, 59%, 44%
CMY	0.2588, 0.4078, 0.5569
CMYK	0.00, 0.20, 0.40, 0.26
HSL	30°, 37%, 59%
HSV	30°, 40%, 74%
XYZ	35.0335, 34.1443, 20.3668
YIQ	158.0300, 34.8460, -3.7620

Conversions

Conversions Part 2

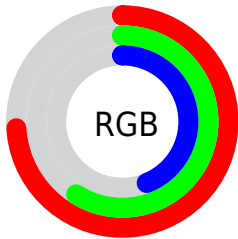
Format	Color
R _Y B	189, 189, 113
Decimal	12425073
CIE Lab	65.08, 9.03, 25.41
CIE LCh	65, 26.964, 70.441
Yxy	34.1443, 0.3912, 0.3813
Android (android.graphics.Color)	4290615153 (0xFFBD9771)
YUV	158.0300, -22.1998, 27.1607
Hunter-Lab	58.4331, 4.7615, 20.2377

Details

The XYZ color **35.0335, 34.1443, 20.3668** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0615, 29.3169, 52.3765**, and the grayscale version is **32.6002, 34.2979, 37.3505**.

A 20% lighter version of the original color is **66.9806, 66.1534, 44.8359**, and **15.3428, 14.5643, 7.0036** is the 20% darker color. If you saturate the color by 10%, you get **32.6183, 30.8429, 14.8476**, and if you desaturate by 10%, it is **37.7940, 37.7813, 27.0950**.

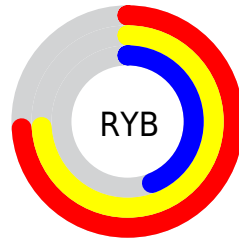
Distribution



Red (74%)

Green (59%)

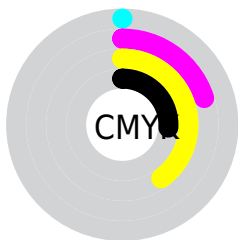
Blue (44%)



Red (74%)

Yellow (74%)

Blue (44%)

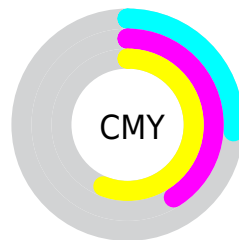


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0335, 34.1443, 20.3668 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 35.0335, 34.1443, 20.3668 by changing the saturation by 10% instead.


 35.0335, 34.1443,
20.3668


 35.0335, 34.1443,
20.3668


316.2216,
320.7750, 266.5636


 23.8553, 23.0045,
12.4752


 66.8713, 66.1580,
44.8983


 15.3505, 14.5968,
6.9417


 88.2617, 87.8007,
62.3754

 9.1536, 8.5369,
3.3478


 113.7869,
113.7131, 83.8846

 4.8994, 4.4404,
1.2749

 143.8121,
144.2796, 109.8447

 2.2225, 1.9228,
0.0410

178.7029,
179.8847, 140.6741

 0.7546, 0.5620,
0.0000

218.8245,

 0.0000, 0.0000,

220.9127, 176.7913

0.0000

264.5423,
267.7480, 218.6150

■ 35.0335, 34.1443,
20.3668

■ 35.0335, 34.1443,
20.3668

■ 32.6183, 30.8429,
14.8476

■ 37.7940, 37.7813,
27.0950

■ 30.5289, 27.8612,
10.4615

■ 40.9125, 41.7597,
35.0977

■ 28.7481, 25.1886,
7.1268

■ 44.4044, 46.0911,
44.4383

■ 27.2550, 22.8119,
4.7501

■ 48.2830, 50.7851,
55.1752

■ 26.0258, 20.7166,
3.2210

■ 52.5613, 55.8507,
67.3633

■ 25.0345, 18.9154,
2.3316

■ 57.2513, 61.2967,
81.0545

■ 62.3645, 67.1315,
96.2982

■ 66.3950, 72.7563,
105.1517

■ 69.0447, 78.0557,
106.0350

Harmonies

Analogous

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



38.5125, 34.1443, 24.8957



35.0335, 34.1443, 20.3668



31.1108, 34.1443, 19.7798

Triad

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



35.0335, 34.1443, 20.3668



25.6120, 34.1443, 41.2137



37.5737, 34.1443, 56.0720

Complementary

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



35.0335, 34.1443, 20.3668



27.0615, 29.3169, 52.3765

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.



33.8335, 34.1443, 62.6017



35.0335, 34.1443, 20.3668



27.0652, 34.1443, 52.9510

Square

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



35.0335, 34.1443, 20.3668



25.8769, 34.1443, 30.4301



30.0027, 34.1443, 61.3571



40.0586, 34.1443, 44.8548

Rectangle

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



35.0335, 34.1443, 20.3668



28.7941, 34.1443, 21.5430



30.0027, 34.1443, 61.3571



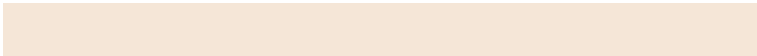
36.4097, 34.1443, 58.9807

Sweetspot

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



35.0344, 34.1459, 20.3675



78.2352, 80.9616, 76.0797



32.4775, 24.8637, 32.3658



16.6447, 17.1892, 15.8764



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.



35.0344, 34.1459, 20.3675



59.0070, 56.0575, 27.8901



42.1645, 48.4062, 22.7442



9.9137, 10.3033, 10.0429



16.9205, 12.8797, 1.5942



0.7282, 0.6354, 0.0843

Inverse Universe

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



27.0615, 29.3169, 52.3765



42.8150, 46.2503, 92.8968



21.9008, 18.9955, 50.6562



9.3999, 9.9922, 12.1055



8.9791, 8.0699, 33.4773



0.4171, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 35.0335, 34.1443, 20.3668 looks on a white background.

Color Contrast Check

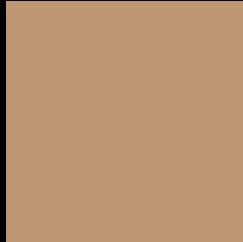
Large Text (above 18pt) WCAG AA × Fail

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 35.0335, 34.1443, 20.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

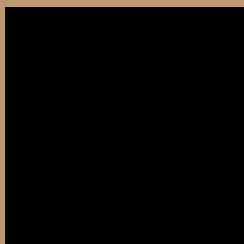
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0335, 34.1443, 20.3668

Background



This preview shows how black text looks on a background with the XYZ color 35.0335, 34.1443, 20.3668.



This preview shows how white text looks on a background with the XYZ color 35.0335, 34.1443,

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

35.0335, 34.1443, 20.3668

Protanopia

31.9568, 34.2607, 21.4517

Deuteranopia

34.7863, 34.0168, 20.3553



Tritanopia

38.1185, 33.9886, 36.0039

Trichromacy



Original Color

35.0335, 34.1443, 20.3668

Protanomaly

32.9473, 34.0276, 21.0511

Deuteranomaly

34.7863, 34.0168, 20.3553

Tritanomaly

36.9056, 33.9674, 29.4222

Monochromacy



Original Color

35.0335, 34.1443, 20.3668

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.9660, 33.8307, 30.3837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0335, 34.1443, 20.3668 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, 151, 113)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 113)  
}
```

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, 151, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 113) }
```

Border

The CSS property to change the border of an element to XYZ 35.0335, 34.1443, 20.3668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

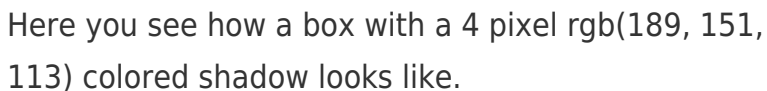
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 151, 113) }
```


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

```
.border{ border-color:rgb(189, 151, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 151, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 151, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 151, 113); box-shadow:4px 4px 4px 4px rgb(189, 151, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0335, 34.1443, 20.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 113) }
```

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

```
.background{ background-color: rgb(189,  
151, 113) }
```

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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