

Converting Colors

XYZ(35.3821, 33.9681, 20.9656)

Have a look what the booklet for
XYZ(35.3821, 33.9681, 20.9656)
contains.

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Color

**XYZ(35.4867, 34.1269,
20.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9673
RGB	191, 150, 115
RGB Percent	75%, 59%, 45%
CMY	0.2510, 0.4117, 0.5490
CMYK	0.00, 0.21, 0.40, 0.25
HSL	28°, 37%, 60%
HSV	28°, 40%, 75%
XYZ	35.4867, 34.1269, 20.9364
YIQ	158.2690, 35.6710, -2.1930

Conversions

Conversions Part 2

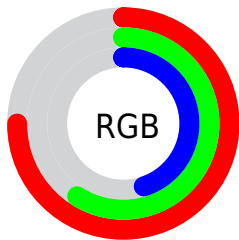
Format	Color
RYB	191, 180, 115
Decimal	12555891
CIELab	65.06, 10.63, 24.33
CIELCh	65, 26.547, 66.405
Yxy	34.1269, 0.3919, 0.3769
Android (android.graphics.Color)	4290745971 (0xFFBF9673)
YUV	158.2690, -21.3316, 28.7051
Hunter-Lab	58.4182, 6.1996, 19.6439

Details

The XYZ color **35.4867, 34.1269, 20.9364** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.3621, 31.1820, 53.8140**, and the grayscale version is **32.7048, 34.4080, 37.4703**.

A 20% lighter version of the original color is **67.6348, 66.1155, 45.7560**, and **15.5986, 14.5513, 7.1408** is the 20% darker color. If you saturate the color by 10%, you get **32.9272, 30.5884, 15.2112**, and if you desaturate by 10%, it is **38.4202, 38.0489, 27.9105**.

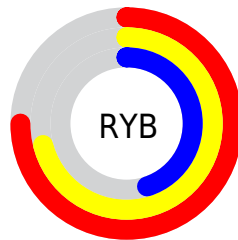
Distribution



Red (75%)

Green (59%)

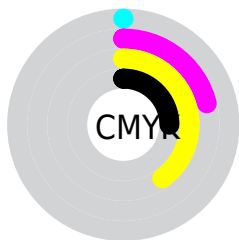
Blue (45%)



Red (75%)

Yellow (71%)

Blue (45%)

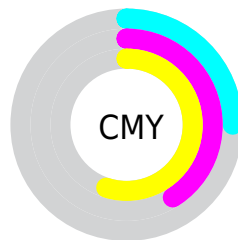


Cyan (0%)

Magenta (21%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4867, 34.1269, 20.9364 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 35.4867, 34.1269, 20.9364 by changing the saturation by 10% instead.


 35.4867, 34.1269,
20.9364


 35.4867, 34.1269,
20.9364


318.1819,
320.6975, 269.7102


 24.2063, 22.9911,
12.8867


 67.5681, 66.1310,
45.8611

 15.6123, 14.5869,
7.2208


 89.0999, 87.7680,
63.5732

 9.3393, 8.5300,
3.5200


 114.7794,
113.6743, 85.3431

 5.0220, 4.4359,
1.3659

144.9721,
144.2341, 111.5895

 2.2951, 1.9203,
0.1149

180.0434,
179.8320, 142.7309

 0.7922, 0.5605,
0.0000

220.3585,

 0.0000, 0.0000,

220.8523, 179.1858

0.0000

266.2829,
267.6793, 221.3727

■ 35.4867, 34.1269,
20.9364

■ 35.4867, 34.1269,
20.9364

■ 32.9272, 30.5884,
15.2112

■ 38.4202, 38.0489,
27.9105

■ 30.7214, 27.4154,
10.6569

■ 41.7417, 42.3619,
36.2008

■ 28.8503, 24.5955,
7.1901


■ 45.4675, 47.0791,
45.8723

■ 27.2921, 22.1136,
4.7149


■ 49.6120, 52.2116,
56.9850


■ 26.0215, 19.9527,
3.1185


■ 54.1891, 57.7702,
69.5953

 24.9932, 18.0877,
2.1855

 59.2117, 63.7651,
83.7566

 24.9732, 18.0512,
2.1680

 64.6925, 70.2060,
99.5197

 68.5129, 76.2505,
105.7145

 71.5057, 82.2362,
106.7122

Harmonies

Analogous

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



38.7582, 34.1269, 25.9554



35.4867, 34.1269, 20.9364



31.6188, 34.1269, 19.8388

Triad

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



35.4867, 34.1269, 20.9364



25.6303, 34.1269, 39.5710



37.0252, 34.1269, 56.9374

Complementary

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



35.4867, 34.1269, 20.9364



28.3621, 31.1820, 53.8140

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.



33.2684, 34.1269, 62.4212



35.4867, 34.1269, 20.9364



26.8427, 34.1269, 51.1946

Square

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



35.4867, 34.1269, 20.9364



26.1223, 34.1269, 29.3114



29.5665, 34.1269, 60.1351



39.6944, 34.1269, 46.2940

Rectangle

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



35.4867, 34.1269, 20.9364



29.2585, 34.1269, 21.2373



29.5665, 34.1269, 60.1351



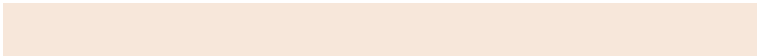
35.8368, 34.1269, 59.5321

Sweetspot

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



35.4876, 34.1285, 20.9371



79.7637, 82.2243, 77.7690



33.6855, 25.7656, 35.0069



17.3176, 17.8064, 16.5606



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.



35.4876, 34.1285, 20.9371



59.4155, 55.4064, 28.2004



42.3931, 47.9397, 23.2389



9.8825, 10.2410, 10.0325



16.4909, 12.0206, 1.4510



0.7114, 0.6017, 0.0787

Inverse Universe

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



28.3621, 31.1820, 53.8140



44.8346, 49.3668, 95.4448



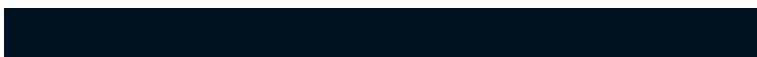
23.0475, 20.5529, 52.0425



9.4313, 10.0548, 12.1159



9.4509, 9.0134, 33.6346



0.4350, 0.4826, 1.3391

Previews

White Background



This preview shows how the XYZ color 35.4867, 34.1269, 20.9364 looks on a white background.

Color Contrast Check

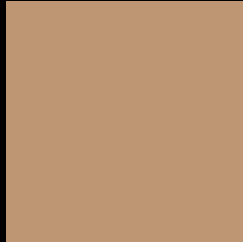
Large Text (above 18pt) WCAG AA × Fail

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 35.4867, 34.1269, 20.9364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

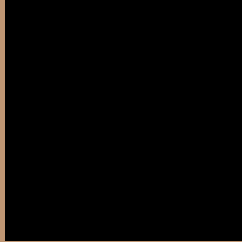
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4867, 34.1269, 20.9364

Background



This preview shows how black text looks on a background with the XYZ color 35.4867, 34.1269, 20.9364.



This preview shows how white text looks on a background with the XYZ color 35.4867, 34.1269,

20.9364.

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

35.4867, 34.1269, 20.9364

Protanopia

31.8591, 34.1967, 22.0610

Deuteranopia

34.8163, 34.2591, 20.9973



Tritanopia

38.6318, 34.2532, 36.0279

Trichromacy



Original Color

35.4867, 34.1269, 20.9364

Protanomaly

33.0637, 34.0742, 21.6639

Deuteranomaly

34.9002, 34.0624, 20.9549

Tritanomaly

37.4896, 34.2599, 29.8362

Monochromacy



Original Color

35.4867, 34.1269, 20.9364

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1814, 33.9417, 30.3937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4867, 34.1269, 20.9364 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(191, 150, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 115)  
}
```

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(191, 150, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 115) }
```

Border

The CSS property to change the border of an element to XYZ 35.4867, 34.1269, 20.9364 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(191, 150, 115) }
```


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

```
.border{ border-color:rgb(191, 150, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4867, 34.1269, 20.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 115) }
```

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

```
.background{ background-color: rgb(191,  
150, 115) }
```

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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