

Converting Colors

XYZ(35.3941, 36.8411, 20.0448)

Have a look what the booklet for
XYZ(35.3941, 36.8411, 20.0448)
contains.

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Color

**XYZ(35.3265, 36.8059,
19.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A16E
RGB	184, 161, 110
RGB Percent	72%, 63%, 43%
CMY	0.2784, 0.3686, 0.5686
CMYK	0.00, 0.12, 0.40, 0.28
HSL	41°, 34%, 58%
HSV	41°, 40%, 72%
XYZ	35.3265, 36.8059, 19.9942
YIQ	162.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

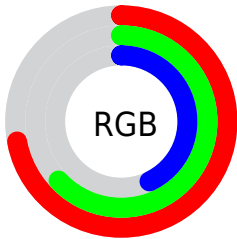
Format	Color
RYB	143, 184, 110
Decimal	12099950
CIELab	67.13, 1.17, 29.65
CIElCh	67, 29.674, 87.742
Yxy	36.8059, 0.3835, 0.3995
Android (android.graphics.Color)	4290290030 (0xFFB8A16E)
YUV	162.0630, -25.6671, 19.2387
Hunter-Lab	60.6679, -2.2294, 22.9274

Details

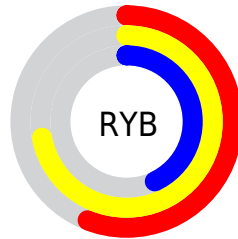
The XYZ color **35.3265, 36.8059, 19.9942** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.4694, 23.5499, 48.6559**, and the grayscale version is **34.4796, 36.2752, 39.5037**.

A 20% lighter version of the original color is **67.3531, 70.4211, 44.2252**, and **15.6242, 16.2346, 6.7250** is the 20% darker color. If you saturate the color by 10%, you get **33.4507, 34.4945, 14.9292**, and if you desaturate by 10%, it is **37.4579, 39.2954, 26.1715**.

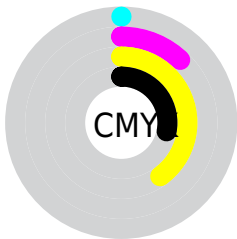
Distribution



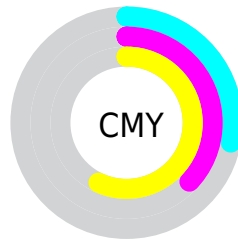
- Red (72%)
- Green (63%)
- Blue (43%)



- Red (56%)
- Yellow (72%)
- Blue (43%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (28%)



- Cyan (28%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3265, 36.8059, 19.9942 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 35.3265, 36.8059, 19.9942 by changing the saturation by 10% instead.

■ 35.3265, 36.8059,
19.9942

■ 35.3265, 36.8059,
19.9942

317.4900,
332.4694, 264.4869

■ 24.0822, 25.0572,
12.2068

■ 67.3220, 70.2742,
44.2663

■ 15.5197, 16.1197,
6.7604

■ 88.8038, 92.7625,
61.5881

■ 9.2736, 9.6089,
3.2366

■ 114.4289,
119.5996, 82.9251

■ 4.9786, 5.1404,
1.2167

■ 144.5625,
151.1698, 108.6958

■ 2.2693, 2.3299,
0.0000

179.5701,
187.8575, 139.3188

■ 0.7789, 0.7895,
0.0000

219.8170,

■ 0.0000, 0.0000,

230.0471, 175.2126

0.0000

265.6685,
278.1229, 216.7958

■ 35.3265, 36.8059,
19.9942

■ 35.3265, 36.8059,
19.9942

■ 33.4507, 34.4945,
14.9292

■ 37.4579, 39.2954,
26.1715

■ 31.8142, 32.3495,
10.9057

■ 39.8545, 41.9637,
33.5215

■ 30.4028, 30.3658,
7.8484


■ 42.5289, 44.8181,
42.1028


■ 29.1994, 28.5355,
5.6704


■ 45.4919, 47.8638,
51.9697

■ 28.1841, 26.8496,
4.2694


■ 48.7536, 51.1059,
63.1729

 27.3335, 25.3231,
3.4472

 52.3237, 54.5490,
75.7606

 56.2113, 58.1976,
89.7783

 60.0688, 61.9136,
103.3923

 61.4770, 64.7301,
103.8617

Harmonies

Analogous

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



39.8298, 36.8059, 22.4965



35.3265, 36.8059, 19.9942



31.0912, 36.8059, 21.8356

Triad

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



35.3265, 36.8059, 19.9942



27.8407, 36.8059, 52.8142



42.8594, 36.8059, 54.8827

Complementary

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



35.3265, 36.8059, 19.9942



23.4694, 23.5499, 48.6559

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.



39.1865, 36.8059, 66.3885



35.3265, 36.8059, 19.9942



30.5461, 36.8059, 65.0248

Square

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



35.3265, 36.8059, 19.9942



26.9973, 36.8059, 39.1025



34.6415, 36.8059, 70.4471



44.4058, 36.8059, 41.0642

Rectangle

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



35.3265, 36.8059, 19.9942



28.9366, 36.8059, 25.5591



34.6415, 36.8059, 70.4471



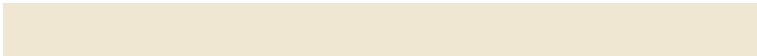
41.8178, 36.8059, 59.2525

Sweetspot

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



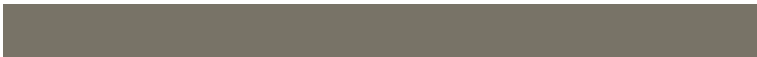
35.3274, 36.8076, 19.9950



76.0925, 80.1912, 73.0539



29.6070, 23.0480, 25.2362



16.2660, 17.1416, 15.3020



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.3274, 36.8076, 19.9950



61.0925, 63.1046, 28.2435



36.6265, 44.0012, 21.3150



9.5084, 10.0197, 9.5398



18.9033, 17.5829, 2.3975



0.7188, 0.7247, 0.1020

Inverse Universe

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



23.4694, 23.5499, 48.6559



36.7290, 35.8864, 87.1955



22.4777, 18.8659, 47.8041



8.7427, 9.1627, 11.3872



7.0335, 4.5267, 31.7561



0.3048, 0.2733, 1.1384

Previews

White Background



This preview shows how the XYZ color 35.3265, 36.8059, 19.9942 looks on a white background.

Color Contrast Check

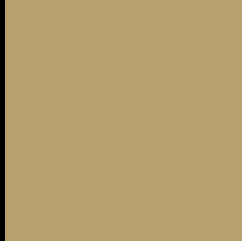
Large Text (above 18pt) WCAG AA × Fail

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 35.3265, 36.8059, 19.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

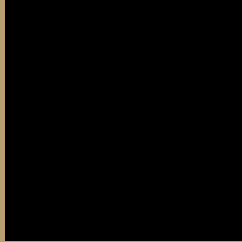
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3265, 36.8059, 19.9942

Background



This preview shows how black text looks on a background with the XYZ color 35.3265, 36.8059, 19.9942.



This preview shows how white text looks on a background with the XYZ color 35.3265, 36.8059,

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

35.3265, 36.8059, 19.9942

Protanopia

34.0979, 36.6892, 20.3235

Deuteranopia

37.5227, 36.6604, 20.1374



Tritanopia

39.6737, 36.8115, 41.0907

Trichromacy



Original Color

35.3265, 36.8059, 19.9942

Protanomaly

34.6120, 36.6917, 20.2969

Deuteranomaly

36.8343, 36.8079, 20.2022

Tritanomaly

37.9843, 36.8806, 32.3108

Monochromacy



Original Color

35.3265, 36.8059, 19.9942

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4558, 36.3699, 31.1907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3265, 36.8059, 19.9942 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(184, 161, 110)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 110)  
}
```

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(184, 161, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.3265, 36.8059, 19.9942 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(184, 161, 110) }
```


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

```
.border{ border-color:rgb(184, 161, 110) }
```

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

Here you see how a box with a 4 pixel rgb(184, 161, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 110);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3265, 36.8059, 19.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 110) }
```

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

```
.background{ background-color: rgb(184,  
161, 110) }
```

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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