

Converting Colors

XYZ(34.5077, 36.3962, 19.3937)

Have a look what the booklet for
XYZ(34.5077, 36.3962, 19.3937)
contains.

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Color

**XYZ(34.5077, 36.3962,
19.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A16C
RGB	181, 161, 108
RGB Percent	71%, 63%, 42%
CMY	0.2902, 0.3686, 0.5765
CMYK	0.00, 0.11, 0.40, 0.29
HSL	44°, 33%, 57%
HSV	44°, 40%, 71%
XYZ	34.5077, 36.3962, 19.3938
YIQ	160.9380, 28.9330, -12.2430

Conversions

Conversions Part 2

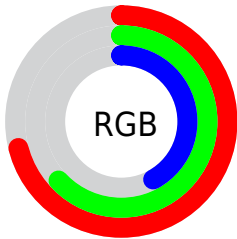
Format	Color
R _Y B	136, 181, 108
Decimal	11903340
CIE Lab	66.82, -0.30, 30.27
CIE LCh	67, 30.268, 90.559
Yxy	36.3962, 0.3822, 0.4031
Android (android.graphics.Color)	4290093420 (0xFFB5A16C)
YUV	160.9380, -26.0984, 17.5944
Hunter-Lab	60.3293, -3.4761, 23.1708

Details

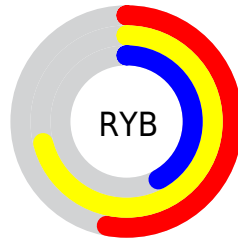
The XYZ color **34.5077, 36.3962, 19.3938** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.2438, 21.9620, 46.7827**, and the grayscale version is **33.9562, 35.7246, 38.9041**.

A 20% lighter version of the original color is **66.1609, 69.8269, 43.2486**, and **15.1177, 15.9797, 6.4253** is the 20% darker color. If you saturate the color by 10%, you get **32.7937, 34.3529, 14.5533**, and if you desaturate by 10%, it is **36.4579, 38.5916, 25.3005**.

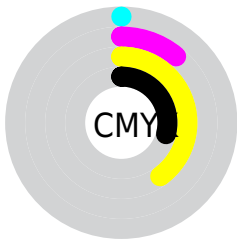
Distribution



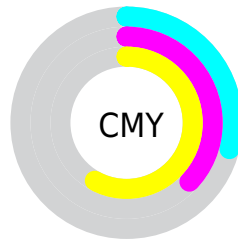
- Red (71%)
- Green (63%)
- Blue (42%)



- Red (53%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (11%)
- Yellow (40%)
- Black (29%)



- Cyan (29%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5077, 36.3962, 19.3938 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 34.5077, 36.3962, 19.3938 by changing the saturation by 10% instead.

■ 34.5077, 36.3962,
19.3938

■ 34.5077, 36.3962,
19.3938

313.9362,
330.6890, 261.1090

■ 23.4486, 24.7403,
11.7755

■ 66.0615, 69.6432,
43.2440

■ 15.0476, 15.8837,
6.4703

■ 87.2869, 92.0030,
60.3130

■ 8.9394, 9.4419,
3.0597

■ 112.6318,
118.6997, 81.3692

■ 4.7584, 5.0305,
1.1252

■ 142.4616,
150.1176, 106.8314

■ 2.1395, 2.2652,
0.0000

177.1415,
186.6411, 137.1178

■ 0.7106, 0.7552,
0.0000

217.0370,

■ 0.0000, 0.0000,

228.6545, 172.6473

0.0000

262.5135,
276.5424, 213.8381

■ 34.5077, 36.3962,
19.3938

■ 34.5077, 36.3962,
19.3938

■ 32.7937, 34.3529,
14.5533

■ 36.4579, 38.5916,
25.3005

■ 31.3002, 32.4509,
10.7110

■ 38.6534, 40.9393,
32.3313

■ 30.0140, 30.6855,
7.7944


■ 41.1060, 43.4461,
40.5426


■ 28.9189, 29.0496,
5.7203


■ 43.8258, 46.1166,
49.9864


■ 27.9957, 27.5349,
4.3904


■ 46.8226, 48.9552,
60.7115

 27.2291, 26.1698,
3.6162

 50.1054, 51.9662,
72.7640

 53.6829, 55.1537,
86.1878

 57.5633, 58.5214,
101.0248

 59.0872, 61.0062,
103.2689

Harmonies

Analogous

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



39.1013, 36.3962, 21.4850



34.5077, 36.3962, 19.3938



30.3098, 36.3962, 21.6489

Triad

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



34.5077, 36.3962, 19.3938



27.5561, 36.3962, 53.8723



42.8362, 36.3962, 53.3513

Complementary

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



34.5077, 36.3962, 19.3938



22.2438, 21.9620, 46.7827

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.



39.2629, 36.3962, 65.5315



34.5077, 36.3962, 19.3938



30.4462, 36.3962, 65.8759

Square

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



34.5077, 36.3962, 19.3938



26.5195, 36.3962, 39.8757



34.6794, 36.3962, 70.5472



44.1595, 36.3962, 39.3839

Rectangle

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



34.5077, 36.3962, 19.3938



28.2332, 36.3962, 25.6789



34.6794, 36.3962, 70.5472



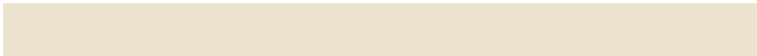
41.8437, 36.3962, 57.8913

Sweetspot

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



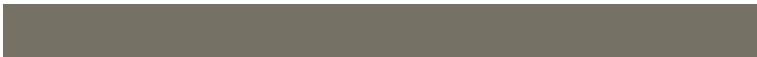
34.5086, 36.3979, 19.3945



72.7628, 76.9495, 69.6960



28.3603, 22.1259, 23.4351



15.6025, 16.5060, 14.6442



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.5086, 36.3979, 19.3945



59.1761, 62.0685, 27.2713



34.7860, 42.1495, 20.4901



8.9963, 9.5051, 9.0130



18.8313, 18.1611, 2.5129



0.6381, 0.6626, 0.0943

Inverse Universe

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



22.2438, 21.9620, 46.7827



34.3271, 32.8412, 82.8244



21.9891, 18.3332, 46.0957



8.2251, 8.5965, 10.7321



6.5745, 3.9494, 30.5528



0.2567, 0.2240, 0.9779

Previews

White Background



This preview shows how the XYZ color 34.5077, 36.3962, 19.3938 looks on a white background.

Color Contrast Check

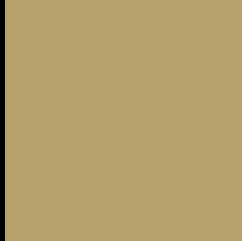
Large Text (above 18pt) WCAG AA × Fail

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 34.5077, 36.3962, 19.3938 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 34.5077, 36.3962, 19.3938

Background



This preview shows how black text looks on a background with the XYZ color 34.5077, 36.3962, 19.3938.



This preview shows how white text looks on a background with the XYZ color 34.5077, 36.3962,

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

34.5077, 36.3962, 19.3938

Protanopia

33.7620, 36.5286, 19.7393

Deuteranopia

37.1545, 36.4832, 19.5517



Tritanopia

38.9321, 36.4292, 41.0560

Trichromacy



Original Color

34.5077, 36.3962, 19.3938

Protanomaly

34.0407, 36.4098, 19.7016

Deuteranomaly

36.2224, 36.5050, 19.6050

Tritanomaly

37.1754, 36.4726, 31.8686

Monochromacy



Original Color

34.5077, 36.3962, 19.3938

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.7758, 35.7676, 30.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5077, 36.3962, 19.3938 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(181, 161, 108)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 108)  
}
```

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(181, 161, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 108) }
```

Border

The CSS property to change the border of an element to XYZ 34.5077, 36.3962, 19.3938 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(181, 161, 108) }
```


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

```
.border{ border-color:rgb(181, 161, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 108);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5077, 36.3962, 19.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 108) }
```

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

```
.background{ background-color: rgb(181,  
161, 108) }
```

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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