

Converting Colors

XYZ(34.6037, 35.9915, 30.1286)

Have a look what the booklet for
XYZ(34.6037, 35.9915, 30.1286)
contains.

XYZ(34.6121, 35.9489, 30.3139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.6121, 35.9489,
30.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA08D
RGB	173, 160, 141
RGB Percent	68%, 63%, 55%
CMY	0.3216, 0.3725, 0.4471
CMYK	0.00, 0.08, 0.18, 0.32
HSL	36°, 16%, 62%
HSV	36°, 18%, 68%
XYZ	34.6121, 35.9489, 30.3139
YIQ	161.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

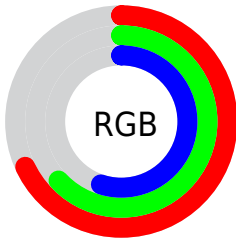
Format	Color
RYB	163, 173, 141
Decimal	11378829
CIELab	66.48, 1.53, 11.61
CIELCh	66, 11.715, 82.483
Yxy	35.9489, 0.3431, 0.3564
Android (android.graphics.Color)	4289568909 (0xFFADA08D)
YUV	161.7210, -10.2155, 9.8917
Hunter-Lab	59.9574, -1.8813, 11.9937

Details

The XYZ color **34.6121, 35.9489, 30.3139** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0828, 31.7904, 44.0861**, and the grayscale version is **34.2546, 36.0385, 39.2460**.

A 20% lighter version of the original color is **66.4639, 69.1990, 61.4835**, and **15.1027, 15.6857, 12.1292** is the 20% darker color. If you saturate the color by 10%, you get **32.2405, 33.1072, 23.6610**, and if you desaturate by 10%, it is **37.2556, 39.0120, 38.0504**.

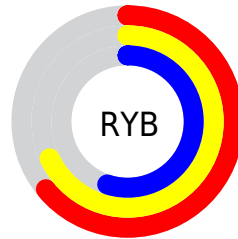
Distribution



Red (68%)

Green (63%)

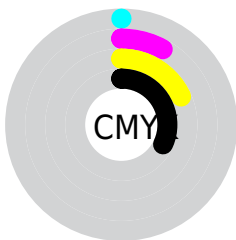
Blue (55%)



Red (64%)

Yellow (68%)

Blue (55%)

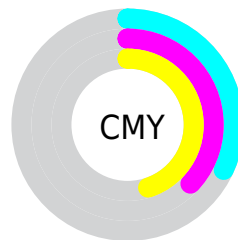


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6121, 35.9489, 30.3139 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 34.6121, 35.9489, 30.3139 by changing the saturation by 10% instead.

■ 34.6121, 35.9489,
30.3139

■ 34.6121, 35.9489,
30.3139

314.3909,
328.7371, 317.6176

■ 23.5293, 24.3947,
19.8229

■ 66.2224, 68.9532,
61.2251

■ 15.1077, 15.6267,
12.0836

■ 87.4807, 91.1721,
82.4824

■ 8.9818, 9.2604,
6.6774

■ 112.8614,
117.7147, 108.1655

■ 4.7863, 4.9114,
3.1858

142.7301,
148.9654, 138.6930

■ 2.1559, 2.1954,
1.1903

177.4521,
185.3086, 174.4834

■ 0.7193, 0.7175,
0.0000

217.3926,

■ 0.0000, 0.0000,

227.1287, 215.9553

0.0000

262.9171,
274.8101, 263.5272

■ 34.6121, 35.9489,
30.3139

■ 34.6121, 35.9489,
30.3139

■ 32.2405, 33.1072,
23.6610

■ 37.2556, 39.0120,
38.0504

■ 30.1276, 30.4761,
18.0399

■ 40.1778, 42.2972,
46.9144

■ 28.2629, 28.0509,
13.3982

■ 43.3892, 45.8118,
56.9502

■ 26.6345, 25.8247,
9.6778

■ 46.8983, 49.5608,
68.1989

■ 25.2289, 23.7904,
6.8143

■ 50.7138, 53.5492,
80.6997

■ 24.0311, 21.9398,
4.7351

■ 54.8435, 57.7820,
94.4900

■ 23.0239, 20.2641,
3.3551

■ 58.1305, 61.7978,
103.4721

■ 22.1775, 18.7491,
2.5247

■ 59.8947, 65.3262,
104.0602

■ 22.0579, 18.5326,
2.4146

■ 61.7359, 69.0087,
104.6739

Harmonies

Analogous

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



36.2669, 35.9489, 31.9600



34.6121, 35.9489, 30.3139



32.8929, 35.9489, 30.8672

Triad

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



34.6121, 35.9489, 30.3139



31.1415, 35.9489, 42.9593



36.9181, 35.9489, 45.3337

Complementary

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



34.6121, 35.9489, 30.3139



30.0828, 31.7904, 44.0861

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.



35.4764, 35.9489, 48.7779



34.6121, 35.9489, 30.3139



32.1524, 35.9489, 47.3272

Square

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



34.6121, 35.9489, 30.3139



30.9279, 35.9489, 37.8904



33.7284, 35.9489, 49.5371



37.6276, 35.9489, 40.4213

Rectangle

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



34.6121, 35.9489, 30.3139



31.9375, 35.9489, 32.4330



33.7284, 35.9489, 49.5371



36.5007, 35.9489, 46.7183

Sweetspot

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



34.6131, 35.9505, 30.3147



67.9281, 71.2386, 71.7562



32.6194, 30.2787, 34.8432



14.6936, 15.4038, 15.3878



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.6131, 35.9505, 30.3147



60.2816, 62.3597, 49.4334



36.4014, 40.3938, 31.0781



8.3857, 8.7762, 8.4654



16.2618, 13.7292, 1.7929



0.5043, 0.4858, 0.0672

Inverse Universe

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



30.0828, 31.7904, 44.0861



50.7289, 53.5884, 78.4757



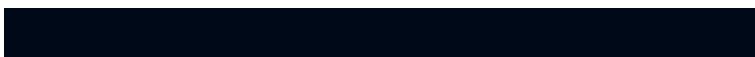
28.5116, 27.9667, 43.4308



7.8360, 8.2713, 10.1362



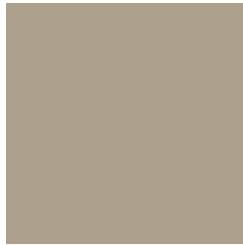
7.2157, 5.5652, 29.7384



0.2553, 0.2640, 0.8455

Previews

White Background



This preview shows how the XYZ color 34.6121, 35.9489, 30.3139 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 34.6121, 35.9489, 30.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

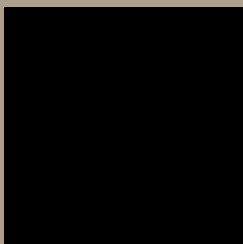
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

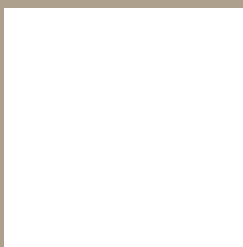
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6121, 35.9489, 30.3139

Background



This preview shows how black text looks on a background with the XYZ color 34.6121, 35.9489, 30.3139.



This preview shows how white text looks on a background with the XYZ color 34.6121, 35.9489,

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

34.6121, 35.9489, 30.3139

Protanopia

33.9895, 35.8777, 30.7248

Deuteranopia

36.5381, 35.9203, 30.5987



Tritanopia

37.0878, 35.9512, 42.0303

Trichromacy



Original Color

34.6121, 35.9489, 30.3139

Protanomaly

34.2049, 35.9888, 30.7349

Deuteranomaly

35.7618, 35.7702, 30.6107

Tritanomaly

36.1330, 35.8127, 37.3559

Monochromacy



Original Color

34.6121, 35.9489, 30.3139

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3035, 35.9298, 35.6990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6121, 35.9489, 30.3139 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(173, 160, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 160, 141)  
}
```

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(173, 160, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 160, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.6121, 35.9489, 30.3139 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(173, 160, 141) }
```


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

```
.border{ border-color:rgb(173, 160, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 160, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 160, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 160, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 160,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6121, 35.9489, 30.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 160, 141) }
```

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

```
.background{ background-color: rgb(173,  
160, 141) }
```

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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