

Converting Colors

XYZ(36.4248, 39.6304, 30.0961)

Have a look what the booklet for
XYZ(36.4248, 39.6304, 30.0961)
contains.

XYZ(36.4905, 39.6122, 30.1488)	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(36.4905, 39.6122,
30.1488)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAA8B
RGB	174, 170, 139
RGB Percent	68%, 67%, 55%
CMY	0.3176, 0.3333, 0.4549
CMYK	0.00, 0.02, 0.20, 0.32
HSL	53°, 18%, 61%
HSV	53°, 20%, 68%
XYZ	36.4905, 39.6122, 30.1488
YIQ	167.6620, 12.3350, -8.7930

Conversions

Conversions Part 2

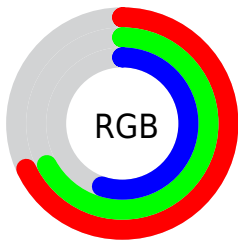
Format	Color
RYB	144, 174, 139
Decimal	11446923
CIELab	69.19, -3.81, 16.53
CIELCh	69, 16.960, 102.981
Yxy	39.6122, 0.3434, 0.3728
Android (android.graphics.Color)	4289637003 (0xFFAEAA8B)
YUV	167.6620, -14.1304, 5.5584
Hunter-Lab	62.9382, -6.6507, 15.6555

Details

The XYZ color **36.4905, 39.6122, 30.1488** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1099, 28.1893, 44.0042**, and the grayscale version is **37.1174, 39.0504, 42.5259**.

A 20% lighter version of the original color is **69.1840, 74.5237, 61.1902**, and **16.1668, 17.7431, 12.0239** is the 20% darker color. If you saturate the color by 10%, you get **34.9498, 38.4058, 23.8542**, and if you desaturate by 10%, it is **38.2413, 40.9143, 37.5128**.

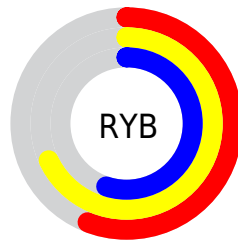
Distribution



Red (68%)

Green (67%)

Blue (55%)



Red (56%)

Yellow (68%)

Blue (55%)

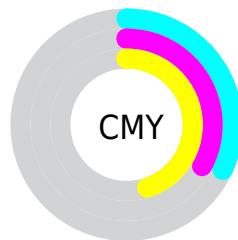


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4905, 39.6122, 30.1488 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 36.4905, 39.6122, 30.1488 by changing the saturation by 10% instead.

■ 36.4905, 39.6122,
30.1488

■ 36.4905, 39.6122,
30.1488

322.4933,
344.4863, 316.8263

■ 24.9851, 27.2363,
19.6985

■ 69.1074, 74.5726,
60.9612

■ 16.1946, 17.7508,
11.9942

■ 90.9496, 97.9259,
82.1604

■ 9.7537, 10.7712,
6.6172

■ 116.9682,
125.7072, 107.7797

■ 5.2970, 5.9132,
3.1491

147.5284,
158.3008, 138.2377

■ 2.4591, 2.7924,
1.1713

182.9957,
196.0911, 173.9527

■ 0.8747, 1.0243,
0.0000

223.7354,

■ 0.0000, 0.0000,

239.4625, 215.3435

0.0000

270.1128,
288.7995, 262.8285

■ 36.4905, 39.6122,
30.1488

■ 36.4905, 39.6122,
30.1488

■ 34.9498, 38.4058,
23.8542

■ 38.2413, 40.9143,
37.5128

■ 33.6065, 37.2860,
18.5761

■ 40.2081, 42.3105,
45.9906

■ 32.4513, 36.2504,
14.2610

■ 42.4002, 43.8060,
55.6273

■ 31.4728, 35.2944,
10.8495

■ 44.8257, 45.4039,
66.4647

■ 30.6586, 34.4129,
8.2754

■ 47.4921, 47.1073,
78.5423

■ 29.9944, 33.6002,
6.4639

■ 50.4066, 48.9191,
91.8982

■ 29.4633, 32.8495,
5.3263

■ 52.6277, 50.4629,
101.5743

■ 29.0333, 32.1540,
4.6761

■ 53.0431, 51.2936,
101.7127

■ 53.4643, 52.1359,
101.8531

Harmonies

Analogous

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



39.1979, 39.6122, 30.3639



36.4905, 39.6122, 30.1488



34.2044, 39.6122, 33.0980

Triad

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



36.4905, 39.6122, 30.1488



33.9612, 39.6122, 54.1396



42.8621, 39.6122, 47.6534

Complementary

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



36.4905, 39.6122, 30.1488



28.1099, 28.1893, 44.0042

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.



41.3200, 39.6122, 55.0106



36.4905, 39.6122, 30.1488



36.1438, 39.6122, 59.0527

Square

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



36.4905, 39.6122, 30.1488



32.7920, 39.6122, 46.5748



38.8342, 39.6122, 59.3893



42.9660, 39.6122, 39.8612

Rectangle

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



36.4905, 39.6122, 30.1488



33.1914, 39.6122, 36.6934



38.8342, 39.6122, 59.3893



42.4915, 39.6122, 50.2806

Sweetspot

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



36.4915, 39.6140, 30.1496



70.7475, 75.2082, 73.9605



31.6529, 29.4502, 30.0364



15.6749, 16.6805, 16.2256



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.4915, 39.6140, 30.1496



64.9410, 70.8908, 49.5334



34.4108, 39.6704, 30.2702



8.5834, 9.1717, 8.5313



21.0855, 23.3764, 3.4008



0.6082, 0.6936, 0.1018

Inverse Universe

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



28.1099, 28.1893, 44.0042



47.0377, 46.4891, 79.1310



29.9001, 28.2375, 43.9191



7.6498, 7.8990, 10.0742



5.7446, 2.6230, 29.2480



0.1826, 0.1185, 0.8212

Previews

White Background



This preview shows how the XYZ color 36.4905, 39.6122, 30.1488 looks on a white background.

Color Contrast Check

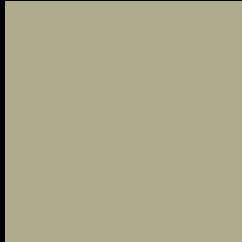
Large Text (above 18pt) WCAG AA × Fail

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 36.4905, 39.6122, 30.1488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

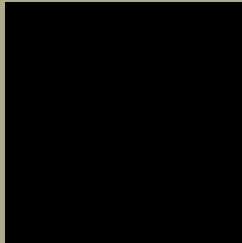
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4905, 39.6122, 30.1488

Background



This preview shows how black text looks on a background with the XYZ color 36.4905, 39.6122, 30.1488.



This preview shows how white text looks on a background with the XYZ color 36.4905, 39.6122,

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

36.4905, 39.6122, 30.1488

Protanopia

37.3658, 39.7946, 29.7565

Deuteranopia

40.2337, 39.3659, 30.6771



Tritanopia

40.0814, 39.7083, 47.6714

Trichromacy



Original Color

36.4905, 39.6122, 30.1488

Protanomaly

36.9069, 39.5580, 29.7350

Deuteranomaly

38.6823, 39.3685, 30.3711

Tritanomaly

38.6510, 39.6649, 40.7409

Monochromacy



Original Color

36.4905, 39.6122, 30.1488

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.8513, 39.3563, 37.5525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4905, 39.6122, 30.1488 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(174, 170, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 139)  
}
```

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(174, 170, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 139) }
```

Border

The CSS property to change the border of an element to XYZ 36.4905, 39.6122, 30.1488 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(174, 170, 139) }
```


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

```
.border{ border-color:rgb(174, 170, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 170, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4905, 39.6122, 30.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 139) }
```

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

```
.background{ background-color: rgb(174,  
170, 139) }
```

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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