

Converting Colors

XYZ(37.6004, 38.9526, 36.1087)

Have a look what the booklet for
XYZ(37.6004, 38.9526, 36.1087)
contains.

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Color

**XYZ(37.6004, 38.9526,
36.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A69A
RGB	177, 166, 154
RGB Percent	69%, 65%, 60%
CMY	0.3059, 0.3490, 0.3961
CMYK	0.00, 0.06, 0.13, 0.31
HSL	31°, 13%, 65%
HSV	31°, 13%, 69%
XYZ	37.6004, 38.9526, 36.1087
YIQ	167.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

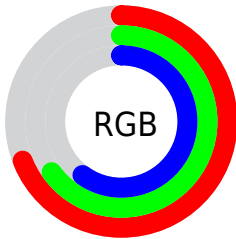
Format	Color
RYB	175, 177, 154
Decimal	11642522
CIELab	68.72, 1.89, 7.63
CIELCh	69, 7.858, 76.101
Yxy	38.9526, 0.3337, 0.3457
Android (android.graphics.Color)	4289832602 (0xFFB1A69A)
YUV	167.9210, -6.8631, 7.9623
Hunter-Lab	62.4120, -1.6829, 9.3860

Details

The XYZ color **37.6004, 38.9526, 36.1087** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7173, 36.9540, 46.8984**, and the grayscale version is **37.2106, 39.1484, 42.6326**.

A 20% lighter version of the original color is **70.8459, 73.5906, 70.1449**, and **16.7777, 17.2990, 15.2867** is the 20% darker color. If you saturate the color by 10%, you get **34.7458, 35.4309, 28.4125**, and if you desaturate by 10%, it is **40.7758, 42.7672, 44.9853**.

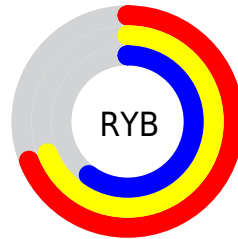
Distribution



Red (69%)

Green (65%)

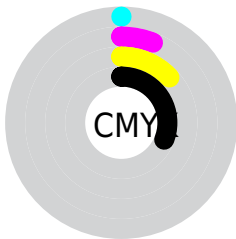
Blue (60%)



Red (69%)

Yellow (69%)

Blue (60%)

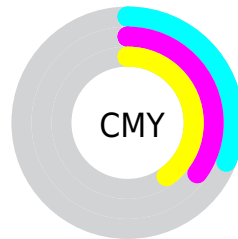


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6004, 38.9526, 36.1087 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 37.6004, 38.9526, 36.1087 by changing the saturation by 10% instead.

■ 37.6004, 38.9526,
36.1087

■ 37.6004, 38.9526,
36.1087

327.2132,
341.6889, 344.4872

■ 25.8485, 26.7229,
24.2278

■ 70.8031, 73.5659,
70.3707

■ 16.8424, 17.3652,
15.2889

■ 92.9846, 96.7182,
93.5890

■ 10.2168, 10.4952,
8.8735

119.3734,
124.2803, 121.4234

■ 5.6063, 5.7285,
4.5631

150.3347,
156.6363, 154.2925

■ 2.6456, 2.6807,
1.9391

186.2340,
194.1708, 192.6149

■ 0.9692, 0.9674,
0.5174

227.4366,

■ 0.0000, 0.0000,

237.2681, 236.8091

0.0000

274.3079,
286.3127, 287.2937

■ 37.6004, 38.9526,
36.1087

■ 37.6004, 38.9526,
36.1087

■ 34.7458, 35.4309,
28.4125

■ 40.7758, 42.7672,
44.9853

■ 32.1974, 32.1894,
21.8436

■ 44.2796, 46.8768,
55.0872

■ 29.9441, 29.2216,
16.3486

■ 48.1230, 51.2902,
66.4602

■ 27.9728, 26.5190,
11.8687

■ 52.3159, 56.0141,
79.1468

■ 26.2693, 24.0726,
8.3394

■ 56.8676, 61.0551,
93.1875

■ 24.8178, 21.8725,
5.6886

■ 60.9380, 66.0799,
104.1507

■ 23.6005, 19.9079,
3.8338

■ 63.1727, 70.5493,
104.8956

■ 22.5965, 18.1668,
2.6764

■ 65.5208, 75.2456,
105.6783

■ 21.9912, 17.0664,
2.1351

■ 67.9840, 80.1720,
106.4993

Harmonies

Analogous

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



38.7055, 38.9526, 37.6689



37.6004, 38.9526, 36.1087



36.3643, 38.9526, 36.1699

Triad

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



37.6004, 38.9526, 36.1087



34.7740, 38.9526, 44.3397



38.7725, 38.9526, 47.3386

Complementary

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



37.6004, 38.9526, 36.1087



34.7173, 36.9540, 46.8984

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.



37.6901, 38.9526, 49.3355



37.6004, 38.9526, 36.1087



35.3905, 38.9526, 47.5391

Square

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



37.6004, 38.9526, 36.1087



34.7511, 38.9526, 40.7896



36.4521, 38.9526, 49.4109



39.3923, 38.9526, 44.0784

Rectangle

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



37.6004, 38.9526, 36.1087



35.6327, 38.9526, 37.1187



36.4521, 38.9526, 49.4109



38.4496, 38.9526, 48.1877

Sweetspot

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



37.6015, 38.9543, 36.1095



72.3888, 75.8351, 78.7549



36.4897, 35.1797, 40.5206



15.5933, 16.3221, 16.8002



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.



37.6015, 38.9543, 36.1095



65.6034, 67.6395, 59.9216



39.5996, 43.0800, 36.8005



8.8510, 9.2145, 8.9646



15.9944, 12.4874, 1.5673



0.5612, 0.5089, 0.0686

Inverse Universe

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



34.7173, 36.9540, 46.8984



59.2788, 63.2532, 83.5801



32.8914, 33.1938, 46.2688



8.3660, 8.8781, 10.7790



8.1423, 7.0850, 31.0754



0.3147, 0.3400, 0.9973

Previews

White Background



This preview shows how the XYZ color 37.6004, 38.9526, 36.1087 looks on a white background.

Color Contrast Check

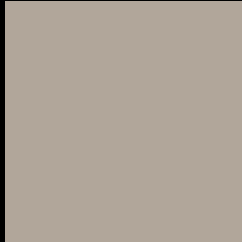
Large Text (above 18pt) WCAG AA × Fail

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 37.6004, 38.9526, 36.1087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

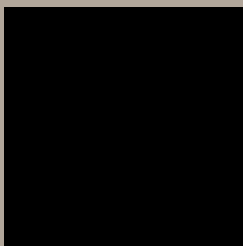
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

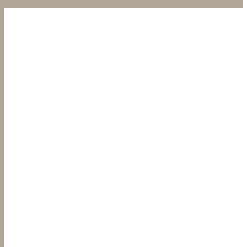
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.6004, 38.9526, 36.1087

Background



This preview shows how black text looks on a background with the XYZ color 37.6004, 38.9526, 36.1087.



This preview shows how white text looks on a background with the XYZ color 37.6004, 38.9526,

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

37.6004, 38.9526, 36.1087

Protanopia

37.1907, 39.0027, 36.5785

Deuteranopia

39.8230, 39.0260, 36.4442



Tritanopia

39.7561, 39.0323, 46.5129

Trichromacy



Original Color

37.6004, 38.9526, 36.1087

Protanomaly

37.4143, 39.1180, 36.5889

Deuteranomaly

39.0212, 38.8752, 36.4574

Tritanomaly

38.9337, 38.9618, 42.5141

Monochromacy



Original Color

37.6004, 38.9526, 36.1087

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2242, 38.9397, 40.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6004, 38.9526, 36.1087 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(177, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 166, 154)  
}
```

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(177, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 166, 154) }
```

Border

The CSS property to change the border of an element to XYZ 37.6004, 38.9526, 36.1087 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(177, 166, 154) }
```


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

```
.border{ border-color:rgb(177, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 166,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6004, 38.9526, 36.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 166, 154) }
```

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

```
.background{ background-color: rgb(177,  
166, 154) }
```

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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