

Converting Colors

XYZ(36.9964, 40.7724, 32.9656)

Have a look what the booklet for
XYZ(36.9964, 40.7724, 32.9656)
contains.

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Color

**XYZ(36.9265, 40.6204,
33.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAD92
RGB	171, 173, 146
RGB Percent	67%, 68%, 57%
CMY	0.3294, 0.3216, 0.4274
CMYK	0.01, 0.00, 0.16, 0.32
HSL	64°, 14%, 63%
HSV	64°, 16%, 68%
XYZ	36.9265, 40.6204, 33.0884
YIQ	169.3240, 7.4750, -8.8210

Conversions

Conversions Part 2

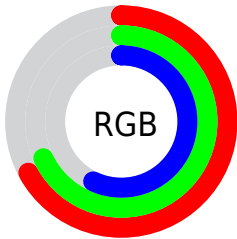
Format	Color
RYB	146, 173, 148
Decimal	11251090
CIELab	69.91, -5.46, 13.66
CIElCh	70, 14.707, 111.782
Yxy	40.6204, 0.3338, 0.3672
Android (android.graphics.Color)	4289441170 (0xFFABAD92)
YUV	169.3240, -11.4987, 1.4699
Hunter-Lab	63.7341, -8.1148, 13.8327

Details

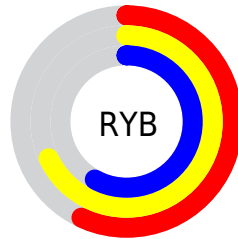
The XYZ color **36.9265, 40.6204, 33.0884** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.0360, 29.8719, 43.7201**, and the grayscale version is **37.9260, 39.9011, 43.4524**.

A 20% lighter version of the original color is **69.5328, 75.8257, 65.6146**, and **16.5107, 18.4229, 13.5122** is the 20% darker color. If you saturate the color by 10%, you get **35.4035, 39.9804, 26.5158**, and if you desaturate by 10%, it is **38.6581, 41.3469, 40.7355**.

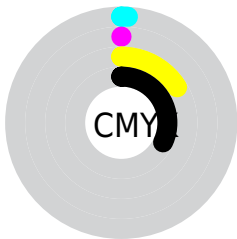
Distribution



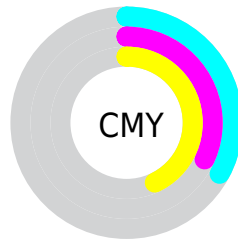
- Red (67%)
- Green (68%)
- Blue (57%)



- Red (57%)
- Yellow (68%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)



- Cyan (33%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9265, 40.6204, 33.0884 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 36.9265, 40.6204, 33.0884 by changing the saturation by 10% instead.

■ 36.9265, 40.6204,
33.0884

■ 36.9265, 40.6204,
33.0884

324.3533,
348.7316, 330.6921

■ 25.3240, 28.0226,
21.9225

■ 69.7743, 76.1073,
65.6311

■ 16.4486, 18.3427,
13.6022

■ 91.7503, 99.7652,
87.8450

■ 9.9350, 11.1963,
7.7089

117.9149,
127.8786, 114.5787

■ 5.4178, 6.1990,
3.8242

148.6333,
160.8318, 146.2506

■ 2.5317, 2.9665,
1.5294

184.2710,
199.0094, 183.2794

■ 0.9113, 1.1143,
0.2397

225.1933,

■ 0.0000, 0.0000,

242.7956, 226.0835

0.0000

271.7656,
292.5749, 275.0816

■ 36.9265, 40.6204,
33.0884

■ 36.9265, 40.6204,
33.0884

■ 35.4035, 39.9804,
26.5158

■ 38.6581, 41.3469,
40.7355

■ 34.0767, 39.4178,
20.9672

■ 40.6036, 42.1578,
49.4996

■ 32.9373, 38.9306,
16.3916

■ 42.7721, 43.0583,
59.4240

■ 31.9748, 38.5144,
12.7329

■ 45.1714, 44.0514,
70.5489

■ 31.1772, 38.1644,
9.9291

■ 47.8086, 45.1400,
82.9126

■ 30.5315, 37.8755,
7.9107

■ 50.6907, 46.3269,
96.5517

■ 30.0222, 37.6416,
6.5972

■ 51.8136, 46.8104,
100.9122

■ 29.6300, 37.4547,
5.8860

■ 52.1138, 46.9652,
100.9262

■ 29.4753, 37.3797,
5.6615

■ 52.4168, 47.1214,
100.9404

Harmonies

Analogous

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



39.2697, 40.6204, 32.4291



36.9265, 40.6204, 33.0884



35.1060, 40.6204, 36.5689

Triad

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



36.9265, 40.6204, 33.0884



35.8320, 40.6204, 55.4077



43.3426, 40.6204, 46.1386

Complementary

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



36.9265, 40.6204, 33.0884



30.0360, 29.8719, 43.7201

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.



42.3365, 40.6204, 52.8898



36.9265, 40.6204, 33.0884



37.9547, 40.6204, 58.5910

Square

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



36.9265, 40.6204, 33.0884



34.4925, 40.6204, 49.2998



40.3408, 40.6204, 57.6249



43.0396, 40.6204, 39.5179

Rectangle

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



36.9265, 40.6204, 33.0884



34.4018, 40.6204, 40.2366



40.3408, 40.6204, 57.6249



43.1449, 40.6204, 48.4765

Sweetspot

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



36.9276, 40.6222, 33.0893



69.4030, 74.1181, 73.7189



32.9818, 32.0777, 31.6480



15.0342, 16.0872, 15.8038



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.



36.9276, 40.6222, 33.0893



65.0733, 72.3035, 54.6545



34.1749, 39.2032, 32.9604



8.6032, 9.2995, 8.5549



21.6738, 27.4703, 4.1600



0.6199, 0.7730, 0.1165

Inverse Universe

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



30.0360, 29.8719, 43.7201



50.1786, 49.0681, 77.6322



32.5814, 31.1841, 43.8393



7.6319, 7.7846, 10.0530



5.6815, 2.2888, 29.1868



0.1755, 0.0726, 0.8128

Previews

White Background



This preview shows how the XYZ color 36.9265, 40.6204, 33.0884 looks on a white background.

Color Contrast Check

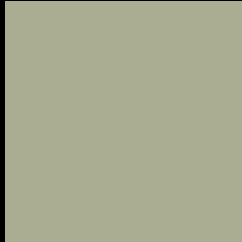
Large Text (above 18pt) WCAG AA × Fail

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 36.9265, 40.6204, 33.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

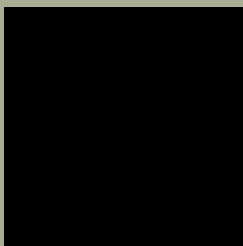
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

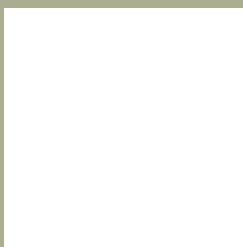
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9265, 40.6204, 33.0884

Background



This preview shows how black text looks on a background with the XYZ color 36.9265, 40.6204, 33.0884.



This preview shows how white text looks on a background with the XYZ color 36.9265, 40.6204,

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

36.9265, 40.6204, 33.0884

Protanopia

38.3080, 40.4971, 32.5857

Deuteranopia

41.1264, 40.2911, 33.6263



Tritanopia

40.2476, 40.5716, 49.4259

Trichromacy



Original Color

36.9265, 40.6204, 33.0884

Protanomaly

37.8052, 40.5173, 32.6161

Deuteranomaly

39.3349, 40.1831, 33.2867

Tritanomaly

38.8982, 40.5753, 42.8274

Monochromacy



Original Color

36.9265, 40.6204, 33.0884

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.3853, 39.8687, 39.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9265, 40.6204, 33.0884 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(171, 173, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 146)  
}
```

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(171, 173, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 146) }
```

Border

The CSS property to change the border of an element to XYZ 36.9265, 40.6204, 33.0884 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(171, 173, 146) }
```


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

```
.border{ border-color:rgb(171, 173, 146) }
```

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

Here you see how a box with a 4 pixel rgb(171, 173, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9265, 40.6204, 33.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 146) }
```

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

```
.background{ background-color: rgb(171,  
173, 146) }
```

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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