

Converting Colors

XYZ(37.0401, 33.4384, 36.2340)

Have a look what the booklet for
XYZ(37.0401, 33.4384, 36.2340)
contains.

XYZ(36.9502, 33.3765, 36.3931)	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(36.9502, 33.3765,
36.3931)**

Conversions

Conversions Part 1

Format	Color
Hex	BC919D
RGB	188, 145, 157
RGB Percent	74%, 57%, 62%
CMY	0.2627, 0.4314, 0.3843
CMYK	0.00, 0.23, 0.16, 0.26
HSL	343°, 24%, 65%
HSV	343°, 23%, 74%
XYZ	36.9502, 33.3765, 36.3931
YIQ	159.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

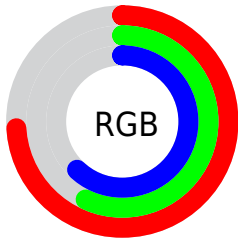
Format	Color
RYB	188, 145, 157
Decimal	12358045
CIELab	64.46, 18.09, -0.07
CIELCh	64, 18.089, 359.791
Yxy	33.3765, 0.3462, 0.3127
Android (android.graphics.Color)	4290548125 (0xFFBC919D)
YUV	159.2250, -1.0969, 25.2357
Hunter-Lab	57.7724, 13.0637, 3.0916

Details

The XYZ color **36.9502, 33.3765, 36.3931** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4981, 45.1215, 47.8094**, and the grayscale version is **33.0563, 34.7778, 37.8730**.

A 20% lighter version of the original color is **69.8375, 64.9625, 70.4862**, and **16.4357, 14.1143, 15.4938** is the 20% darker color. If you saturate the color by 10%, you get **33.2180, 27.6623, 29.7528**, and if you desaturate by 10%, it is **41.2881, 40.0959, 43.8695**.

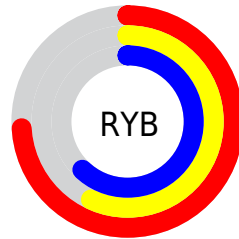
Distribution



Red (74%)

Green (57%)

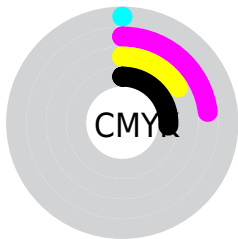
Blue (62%)



Red (74%)

Yellow (57%)

Blue (62%)

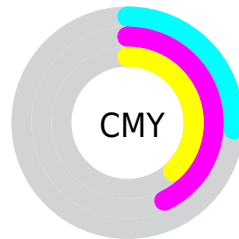


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9502, 33.3765, 36.3931 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 36.9502, 33.3765, 36.3931 by changing the saturation by 10% instead.


 36.9502, 33.3765,
36.3931


 36.9502, 33.3765,
36.3931


324.4541,
317.3429, 345.7647

 25.3424, 22.4150,
24.4459


 69.8105, 64.9629,
70.8142

 16.4625, 14.1622,
15.4494


 91.7938, 86.3566,
94.1252

 9.9449, 8.2335,
8.9853


117.9662,
111.9965, 122.0612

 5.4244, 4.2448,
4.6349

148.6933,
142.2670, 155.0407

 2.5357, 1.8114,
1.9797

184.3402,
177.5525, 193.4822

 0.9133, 0.4943,
0.5428

225.2724,

 0.0000, 0.0000,

218.2374, 237.8044

0.0000

271.8553,
264.7060, 288.4257

■ 36.9502, 33.3765,
36.3931

■ 36.9502, 33.3765,
36.3931

■ 33.2180, 27.6623,
29.7528

■ 41.2881, 40.0959,
43.8695

■ 30.0611, 22.9002,
23.9168

■ 46.2545, 47.8609,
52.2082

■ 27.4507, 19.0394,
18.8541

■ 51.8747, 56.7155,
61.4367

■ 25.3544, 16.0222,
14.5311

■ 58.1716, 66.6996,
71.5807

■ 23.7359, 13.7846,
10.9111

■ 65.1669, 77.8512,
82.6648

■ 22.5543, 12.2528,
7.9543

■ 71.9801, 88.4038,
94.4123

■ 21.7610, 11.3388,
5.6162

■ 74.0513, 89.2323,
105.3192

■ 21.3692, 10.9435,
4.2887

■ 74.5491, 89.4314,
107.9406

Harmonies

Analogous

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



36.2091, 33.3765, 43.9731



36.9502, 33.3765, 36.3931



36.2288, 33.3765, 29.7263

Triad

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



36.9502, 33.3765, 36.3931



29.3206, 33.3765, 25.3482



29.2909, 33.3765, 50.0622

Complementary

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



36.9502, 33.3765, 36.3931



37.4981, 45.1215, 47.8094

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.



27.6079, 33.3765, 43.8714



36.9502, 33.3765, 36.3931



27.6243, 33.3765, 29.6480

Square

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



36.9502, 33.3765, 36.3931



31.7414, 33.3765, 23.8992



27.0143, 33.3765, 36.2896



31.7053, 33.3765, 52.4903

Rectangle

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



36.9502, 33.3765, 36.3931



35.0368, 33.3765, 26.5304



27.0143, 33.3765, 36.2896



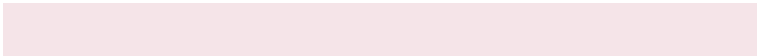
28.6257, 33.3765, 48.3143

Sweetspot

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



36.9511, 33.3780, 36.3938



79.8663, 80.5302, 88.0103



37.0667, 33.0920, 52.0109



17.0584, 17.1355, 18.7308



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.9511, 33.3780, 36.3938



63.7420, 55.5361, 60.2707



37.4589, 35.9530, 31.7553



9.6366, 9.5790, 10.4756



14.5770, 7.4619, 3.0659



0.5999, 0.3038, 0.2722

Inverse Universe

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



36.9511, 33.3780, 36.3938



63.7420, 55.5361, 60.2707



36.8120, 41.7650, 53.6984



9.6366, 9.5790, 10.4756



14.5770, 7.4619, 3.0659



0.5999, 0.3038, 0.2722

Previews

White Background



This preview shows how the XYZ color 36.9502, 33.3765, 36.3931 looks on a white background.

Color Contrast Check

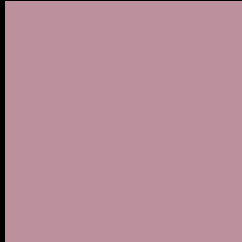
Large Text (above 18pt) WCAG AA × Fail

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 36.9502, 33.3765, 36.3931 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 36.9502, 33.3765, 36.3931

Background



This preview shows how black text looks on a background with the XYZ color 36.9502, 33.3765, 36.3931.



This preview shows how white text looks on a background with the XYZ color 36.9502, 33.3765,

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

36.9502, 33.3765, 36.3931

Protanopia

32.4040, 33.5894, 39.4259

Deuteranopia

34.2422, 33.6274, 36.1385



Tritanopia

36.8652, 33.3425, 35.9452

Trichromacy



Original Color

36.9502, 33.3765, 36.3931

Protanomaly

33.8097, 33.3545, 38.3743

Deuteranomaly

35.1083, 33.3602, 36.0412

Tritanomaly

36.8652, 33.3425, 35.9452

Monochromacy



Original Color

36.9502, 33.3765, 36.3931

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3047, 34.1259, 37.1267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9502, 33.3765, 36.3931 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(188, 145, 157)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 157)  
}
```

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(188, 145, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.9502, 33.3765, 36.3931 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(188, 145, 157) }
```


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

```
.border{ border-color:rgb(188, 145, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9502, 33.3765, 36.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 157) }
```

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

```
.background{ background-color: rgb(188,  
145, 157) }
```

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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