

Converting Colors

XYZ(36.0757, 36.2074, 41.1637)

Have a look what the booklet for
XYZ(36.0757, 36.2074, 41.1637)
contains.

XYZ(36.0757, 36.2074, 41.1637)	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(36.0757, 36.2074,
41.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9FA6
RGB	171, 159, 166
RGB Percent	67%, 62%, 65%
CMY	0.3294, 0.3765, 0.3490
CMYK	0.00, 0.07, 0.03, 0.33
HSL	325°, 7%, 65%
HSV	325°, 7%, 67%
XYZ	36.0757, 36.2074, 41.1637
YIQ	163.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

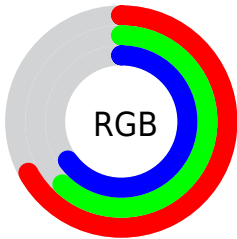
Format	Color
RYB	171, 159, 166
Decimal	11247526
CIELab	66.68, 5.65, -2.07
CIELCh	67, 6.012, 339.891
Yxy	36.2074, 0.3180, 0.3192
Android (android.graphics.Color)	4289437606 (0xFFAB9FA6)
YUV	163.3860, 1.2887, 6.6775
Hunter-Lab	60.1726, 1.7154, 1.5609

Details

The XYZ color **36.0757, 36.2074, 41.1637** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5633, 39.1781, 40.8118**, and the grayscale version is **34.9886, 36.8107, 40.0869**.

A 20% lighter version of the original color is **68.4617, 69.4823, 78.2097**, and **16.0076, 15.8620, 18.1376** is the 20% darker color. If you saturate the color by 10%, you get **32.7007, 30.4743, 36.9022**, and if you desaturate by 10%, it is **39.8959, 42.7717, 45.7532**.

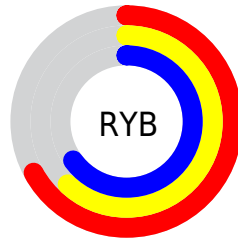
Distribution



Red (67%)

Green (62%)

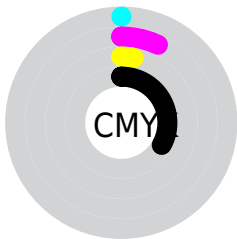
Blue (65%)



Red (67%)

Yellow (62%)

Blue (65%)

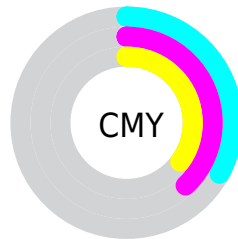


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0757, 36.2074, 41.1637 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 36.0757, 36.2074, 41.1637 by changing the saturation by 10% instead.

■ 36.0757, 36.2074,
41.1637

■ 36.0757, 36.2074,
41.1637

320.7168,
329.8661, 366.7012

■ 24.6630, 24.5944,
28.1264

■ 68.4720, 69.3521,
78.1887

■ 15.9536, 15.7751,
18.1811

■ 90.1864, 91.6525,
103.0134

■ 9.5820, 9.3652,
10.9093

116.0653,
118.2843, 132.6044

■ 5.1828, 4.9801,
5.8925

146.4743,
149.6317, 167.3801

■ 2.3908, 2.2356,
2.7121

181.7785,
186.0792, 207.7591

■ 0.8405, 0.7393,
0.9495

222.3434,

■ 0.0000, 0.0000,

228.0112, 254.1599

0.0000

268.5344,
275.8120, 307.0011

■ 36.0757, 36.2074,
41.1637

■ 36.0757, 36.2074,
41.1637

■ 32.7007, 30.4743,
36.9022

■ 39.8959, 42.7717,
45.7532

■ 29.7505, 25.5344,
32.9578

■ 44.1743, 50.1941,
50.6766

■ 27.2078, 21.3534,
29.3223

■ 48.9273, 58.5060,
55.9425

■ 25.0530, 17.8930,
25.9860

■ 54.1696, 67.7358,
61.5585

■ 23.2645, 15.1111,
22.9387

■ 59.9153, 77.9107,
67.5319

■ 21.8188, 12.9617,
20.1693

■ 64.0342, 84.7698,
73.1553

■ 20.6893, 11.3927,
17.6657

■ 64.9353, 85.1303,
77.9007

■ 19.8452, 10.3435,
15.4143

■ 65.8765, 85.5067,
82.8566

■ 19.2415, 9.7253,
13.3965

■ 66.8581, 85.8993,
88.0257

Harmonies

Analogous

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



35.5432, 36.2074, 43.3763



36.0757, 36.2074, 41.1637



36.1586, 36.2074, 38.5730

Triad

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



36.0757, 36.2074, 41.1637



34.1157, 36.2074, 34.7109



33.0949, 36.2074, 42.7102

Complementary

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



36.0757, 36.2074, 41.1637



35.5633, 39.1781, 40.8118

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.



32.7265, 36.2074, 40.2868



36.0757, 36.2074, 41.1637



33.3090, 36.2074, 35.7189

Square

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



36.0757, 36.2074, 41.1637



35.0164, 36.2074, 34.9225



32.8042, 36.2074, 37.7334



33.8187, 36.2074, 44.2959

Rectangle

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



36.0757, 36.2074, 41.1637



35.9463, 36.2074, 36.9896



32.8042, 36.2074, 37.7334



32.9259, 36.2074, 41.9623

Sweetspot

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



36.0767, 36.2090, 41.1645



67.9161, 70.5122, 77.7413



35.0601, 35.6308, 43.5583



15.1626, 15.7538, 17.3571



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.



36.0767, 36.2090, 41.1645



63.8909, 63.6184, 72.8342



35.5392, 35.9940, 38.3339



8.1937, 8.0907, 9.3309



14.4116, 7.2272, 9.8127



0.4274, 0.2116, 0.4122

Inverse Universe

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



36.0767, 36.2090, 41.1645



63.8909, 63.6184, 72.8342



36.1179, 39.4000, 43.7323



8.1937, 8.0907, 9.3309



14.4116, 7.2272, 9.8127



0.4274, 0.2116, 0.4122

Previews

White Background



This preview shows how the XYZ color 36.0757, 36.2074, 41.1637 looks on a white background.

Color Contrast Check

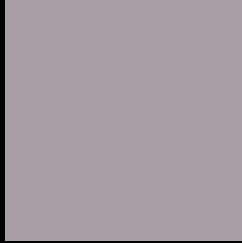
Large Text (above 18pt) WCAG AA × Fail

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 36.0757, 36.2074, 41.1637 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 36.0757, 36.2074, 41.1637

Background



This preview shows how black text looks on a background with the XYZ color 36.0757, 36.2074, 41.1637.



This preview shows how white text looks on a background with the XYZ color 36.0757, 36.2074,

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

36.0757, 36.2074, 41.1637

Protanopia

35.0298, 36.1723, 41.6949

Deuteranopia

36.8444, 36.0972, 41.1019



Tritanopia

36.5908, 36.1646, 43.5800

Trichromacy



Original Color

36.0757, 36.2074, 41.1637

Protanomaly

35.4822, 36.1471, 41.6662

Deuteranomaly

36.5654, 36.2056, 41.1376

Tritanomaly

36.4015, 36.0889, 42.5834

Monochromacy



Original Color

36.0757, 36.2074, 41.1637

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.3471, 36.6280, 40.3289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0757, 36.2074, 41.1637 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(171, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.0757, 36.2074, 41.1637 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, 159, 166) }
```


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

```
.border{ border-color:rgb(171, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(171, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0757, 36.2074, 41.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 159, 166) }
```

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

```
.background{ background-color: rgb(171,  
159, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor