

Converting Colors

XYZ(36.9752, 37.0649, 48.5204)

Have a look what the booklet for
XYZ(36.9752, 37.0649, 48.5204)
contains.

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Color

**XYZ(36.9194, 37.0005,
48.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A1B4
RGB	167, 161, 180
RGB Percent	65%, 63%, 71%
CMY	0.3451, 0.3686, 0.2941
CMYK	0.07, 0.11, 0.00, 0.29
HSL	259°, 11%, 67%
HSV	259°, 11%, 71%
XYZ	36.9194, 37.0005, 48.3760
YIQ	164.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

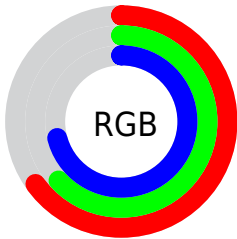
Format	Color
RYB	167, 161, 180
Decimal	10985908
CIELab	67.28, 5.86, -9.03
CIELCh	67, 10.766, 302.996
Yxy	37.0005, 0.3019, 0.3025
Android (android.graphics.Color)	4289175988 (0xFFA7A1B4)
YUV	164.9600, 7.4147, 1.7891
Hunter-Lab	60.8280, 1.8910, -4.5732

Details

The XYZ color **36.9194, 37.0005, 48.3760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2113, 44.2154, 40.1351**, and the grayscale version is **35.7123, 37.5722, 40.9161**.

A 20% lighter version of the original color is **69.8204, 70.6975, 89.3229**, and **16.4769, 16.3290, 22.3621** is the 20% darker color. If you saturate the color by 10%, you get **31.5183, 29.8787, 47.2866**, and if you desaturate by 10%, it is **43.0234, 45.1589, 49.6296**.

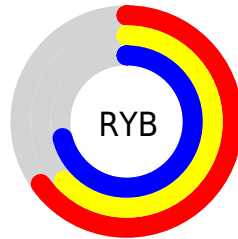
Distribution



Red (65%)

Green (63%)

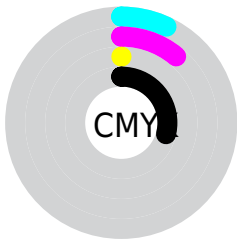
Blue (71%)



Red (65%)

Yellow (63%)

Blue (71%)

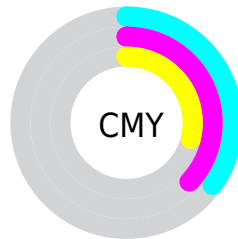


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (37%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9194, 37.0005, 48.3760 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 36.9194, 37.0005, 48.3760 by changing the saturation by 10% instead.

■ 36.9194, 37.0005,
48.3760

■ 36.9194, 37.0005,
48.3760

324.3230,
333.3127, 396.8322

■ 25.3185, 25.2079,
33.7626

■ 69.7634, 70.5736,
89.1353

■ 16.4445, 16.2320,
22.4354

■ 91.7373, 93.1228,
116.1184

■ 9.9321, 9.6885,
13.9758

117.8995,
120.0263, 148.0618

■ 5.4159, 5.1929,
7.9653

148.6153,
151.6686, 185.3840

■ 2.5305, 2.3609,
3.9853

184.2503,
188.4340, 228.5036

■ 0.9107, 0.8057,
1.6173

225.1696,

■ 0.0000, 0.0000,

230.7068, 277.8391

0.3031

271.7388,
278.8716, 333.8092

■ 0.0000, 0.0000,
0.0000

■ 36.9194, 37.0005,
48.3760

■ 36.9194, 37.0005,
48.3760

■ 31.5183, 29.8787,
47.2866

■ 43.0234, 45.1589,
49.6296

■ 26.7907, 23.7467,
46.3522

■ 49.8518, 54.3888,
51.0512

■ 22.7098, 18.5611,
45.5663

■ 57.4291, 64.7293,
52.6478

■ 19.2457, 14.2734,
44.9213

■ 65.7777, 76.2160,
54.4249

■ 16.3661, 10.8306,
44.4085

■ 74.9191, 88.8830,
56.3881

■ 14.0355, 8.1740,
44.0186

■ 80.2422, 93.4997,
56.9987

■ 12.2138, 6.2371,
43.7408

■ 84.5881, 95.7401,
57.2020

■ 10.8550, 4.9419,
43.5624

■ 85.2383, 96.0753,
57.2325

■ 9.9157, 4.1601,
43.4610

Harmonies

Analogous

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



35.3335, 37.0005, 50.0319



36.9194, 37.0005, 48.3760



38.0632, 37.0005, 44.5438

Triad

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



36.9194, 37.0005, 48.3760



36.6243, 37.0005, 32.7403



32.1016, 37.0005, 40.7628

Complementary

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



36.9194, 37.0005, 48.3760



40.2113, 44.2154, 40.1351

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.



32.4232, 37.0005, 36.3109



36.9194, 37.0005, 48.3760



35.0027, 37.0005, 31.8980

Square

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



36.9194, 37.0005, 48.3760



37.8891, 37.0005, 35.5508



33.4726, 37.0005, 33.1545



32.5801, 37.0005, 45.4267

Rectangle

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



36.9194, 37.0005, 48.3760



38.4030, 37.0005, 41.4025



33.4726, 37.0005, 33.1545



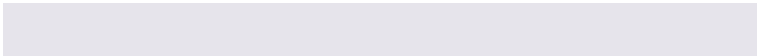
32.1197, 37.0005, 39.1923

Sweetspot

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



36.9205, 37.0021, 48.3768



75.1245, 78.0084, 89.3923



38.1315, 41.2617, 49.1352



16.0411, 16.5978, 19.2805



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.9205, 37.0021, 48.3768



64.2076, 63.4648, 87.1604



38.9340, 38.0401, 48.4710



8.2861, 8.3560, 10.6825



6.9829, 2.9356, 30.3356



0.2817, 0.1243, 0.9574

Inverse Universe

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



39.2086, 38.2507, 45.3630



69.3329, 66.2631, 80.3500



38.2310, 43.1946, 40.0424



8.7336, 8.6001, 10.0954



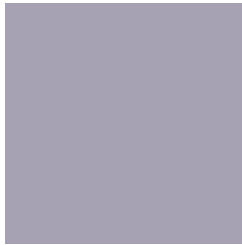
15.6712, 7.7860, 13.9605



0.5181, 0.2550, 0.5709

Previews

White Background



This preview shows how the XYZ color 36.9194, 37.0005, 48.3760 looks on a white background.

Color Contrast Check

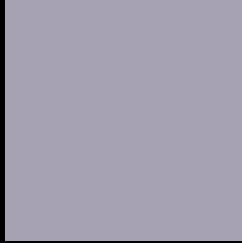
Large Text (above 18pt) WCAG AA × Fail

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 36.9194, 37.0005, 48.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

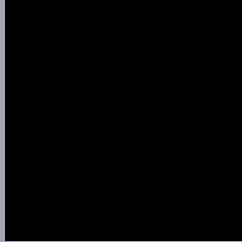
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9194, 37.0005, 48.3760

Background



This preview shows how black text looks on a background with the XYZ color 36.9194, 37.0005, 48.3760.



This preview shows how white text looks on a background with the XYZ color 36.9194, 37.0005,

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

36.9194, 37.0005, 48.3760

Protanopia

36.3380, 37.2120, 48.9835

Deuteranopia

37.6496, 36.8622, 48.3108



Tritanopia

36.3841, 37.0428, 45.7898

Trichromacy



Original Color

36.9194, 37.0005, 48.3760

Protanomaly

36.5707, 37.0694, 48.9437

Deuteranomaly

37.3866, 36.9829, 48.3480

Tritanomaly

36.5820, 37.1220, 46.8322

Monochromacy



Original Color

36.9194, 37.0005, 48.3760

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2570, 37.5602, 43.3691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9194, 37.0005, 48.3760 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(167, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 180)  
}
```

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(167, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.9194, 37.0005, 48.3760 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(167, 161, 180) }
```


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

```
.border{ border-color:rgb(167, 161, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 161,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9194, 37.0005, 48.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 180) }
```

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

```
.background{ background-color: rgb(167,  
161, 180) }
```

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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