

Converting Colors

XYZ(37.3449, 36.3664, 52.0648)

Have a look what the booklet for
XYZ(37.3449, 36.3664, 52.0648)
contains.

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Color

**XYZ(37.3449, 36.3664,
52.0648)**

Conversions

Conversions Part 1

Format	Color
Hex	A89EBB
RGB	168, 158, 187
RGB Percent	66%, 62%, 73%
CMY	0.3412, 0.3804, 0.2667
CMYK	0.10, 0.16, 0.00, 0.27
HSL	261°, 18%, 68%
HSV	261°, 16%, 73%
XYZ	37.3449, 36.3664, 52.0648
YIQ	164.2960, -3.3490, 11.1390

Conversions

Conversions Part 2

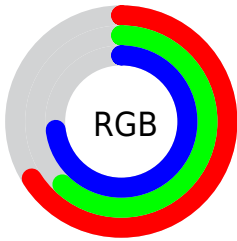
Format	Color
RYB	168, 158, 187
Decimal	11050683
CIELab	66.80, 9.32, -13.64
CIELCh	67, 16.520, 304.351
Yxy	36.3664, 0.2969, 0.2891
Android (android.graphics.Color)	4289240763 (0xFFA89EBB)
YUV	164.2960, 11.1931, 3.2484
Hunter-Lab	60.3046, 5.0070, -8.9757

Details

The XYZ color **37.3449, 36.3664, 52.0648** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.0747, 47.3573, 39.2728**, and the grayscale version is **35.3779, 37.2203, 40.5330**.

A 20% lighter version of the original color is **70.4033, 69.7475, 94.5460**, and **16.7632, 15.9496, 24.7493** is the 20% darker color. If you saturate the color by 10%, you get **31.9081, 29.1841, 50.9656**, and if you desaturate by 10%, it is **43.5151, 44.6492, 53.3389**.

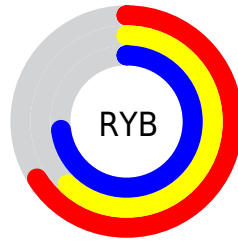
Distribution



Red (66%)

Green (62%)

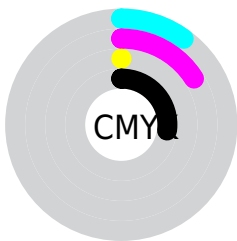
Blue (73%)



Red (66%)

Yellow (62%)

Blue (73%)

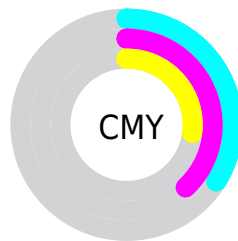


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3449, 36.3664, 52.0648 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 37.3449, 36.3664, 52.0648 by changing the saturation by 10% instead.

■ 37.3449, 36.3664,
52.0648

■ 37.3449, 36.3664,
52.0648

326.1310,
330.5592, 411.6508

■ 25.6495, 24.7173,
36.6741

■ 70.4133, 69.5972,
94.6544

■ 16.6929, 15.8666,
24.6615

■ 92.5171, 91.9477,
122.6903

■ 10.1098, 9.4298,
15.6083

118.8210,
118.6342, 155.7785

■ 5.5346, 5.0226,
9.0961

149.6905,
150.0410, 194.3373

■ 2.6022, 2.2605,
4.7062

185.4909,
186.5524, 238.7855

■ 0.9471, 0.7527,
2.0202

226.5876,

■ 0.0000, 0.0000,

228.5531, 289.5414

0.5677

273.3458,
276.4272, 347.0236

■ 0.0000, 0.0000,
0.0000

■ 37.3449, 36.3664,
52.0648

■ 37.3449, 36.3664,
52.0648

■ 31.9081, 29.1841,
50.9656

■ 43.5151, 44.6492,
53.3389

■ 27.1728, 23.0505,
50.0313

■ 50.4423, 54.0722,
54.7926

■ 23.1094, 17.9164,
49.2545

■ 58.1533, 64.6788,
56.4335

■ 19.6850, 13.7268,
48.6263

■ 66.6723, 76.5086,
58.2679

■ 16.8635, 10.4213,
48.1369

■ 76.0225, 89.5995,
60.3019

■ 14.6050, 7.9319,
47.7755

■ 81.1825, 93.9000,
60.8600

■ 12.8639, 6.1808,
47.5292

■ 85.5190, 96.1355,
61.0629

■ 11.5852, 5.0716,
47.3826

■ 85.9697, 96.3679,
61.0840

■ 11.1150, 4.6938,
47.3344

Harmonies

Analogous

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



34.9306, 36.3664, 54.9462



37.3449, 36.3664, 52.0648



39.0752, 36.3664, 45.8502

Triad

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



37.3449, 36.3664, 52.0648



36.6848, 36.3664, 28.4526



29.9966, 36.3664, 40.6488

Complementary

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



37.3449, 36.3664, 52.0648



42.0747, 47.3573, 39.2728

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.



30.4163, 36.3664, 33.9395



37.3449, 36.3664, 52.0648



34.2023, 36.3664, 27.4107

Square

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



37.3449, 36.3664, 52.0648



38.6813, 36.3664, 32.3357



31.9269, 36.3664, 29.2974



30.7519, 36.3664, 47.8709

Rectangle

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



37.3449, 36.3664, 52.0648



39.5652, 36.3664, 40.9655



31.9269, 36.3664, 29.2974



30.0052, 36.3664, 38.2590

Sweetspot

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



37.3460, 36.3679, 52.0656



78.4344, 80.6416, 95.6328



38.8595, 42.4343, 53.1568



17.0902, 17.5121, 21.0220



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.



37.3460, 36.3679, 52.0656



63.0325, 60.0168, 92.4636



40.5284, 38.0085, 52.2145



9.3184, 9.3810, 11.9918



7.7289, 3.2705, 32.6168



0.3742, 0.1649, 1.2810

Inverse Universe

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



40.6574, 38.1944, 46.8262



70.2738, 64.0137, 80.8779



39.0133, 45.7791, 39.1296



9.7864, 9.6389, 11.2642



16.5982, 8.2704, 13.7096



0.6798, 0.3358, 0.6931

Previews

White Background



This preview shows how the XYZ color 37.3449, 36.3664, 52.0648 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 37.3449, 36.3664, 52.0648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

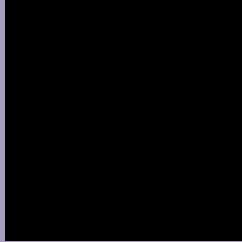
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3449, 36.3664, 52.0648

Background



This preview shows how black text looks on a background with the XYZ color 37.3449, 36.3664, 52.0648.



This preview shows how white text looks on a background with the XYZ color 37.3449, 36.3664,

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

37.3449, 36.3664, 52.0648

Protanopia

35.8348, 36.3320, 53.2682

Deuteranopia

37.1329, 36.2571, 52.0549



Tritanopia

35.8395, 36.2657, 44.6462

Trichromacy



Original Color

37.3449, 36.3664, 52.0648

Protanomaly

36.3458, 36.3495, 52.6775

Deuteranomaly

37.1329, 36.2571, 52.0549

Tritanomaly

36.3704, 36.2261, 47.1949

Monochromacy



Original Color

37.3449, 36.3664, 52.0648

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8838, 36.8186, 44.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3449, 36.3664, 52.0648 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(168, 158, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 187)  
}
```

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(168, 158, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.3449, 36.3664, 52.0648 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(168, 158, 187) }
```


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

```
.border{ border-color:rgb(168, 158, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3449, 36.3664, 52.0648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 187) }
```

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

```
.background{ background-color: rgb(168,  
158, 187) }
```

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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