

Converting Colors

XYZ(37.5408, 36.5449, 52.5675)

Have a look what the booklet for
XYZ(37.5408, 36.5449, 52.5675)
contains.

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Color

**XYZ(37.4524, 36.4094,
52.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	A89EBC
RGB	168, 158, 188
RGB Percent	66%, 62%, 74%
CMY	0.3412, 0.3804, 0.2627
CMYK	0.11, 0.16, 0.00, 0.26
HSL	260°, 18%, 68%
HSV	260°, 16%, 74%
XYZ	37.4524, 36.4094, 52.6307
YIQ	164.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

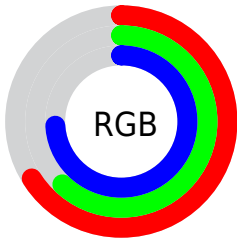
Format	Color
R _Y B	168, 158, 188
Decimal	11050684
CIE Lab	66.83, 9.53, -14.15
CIE LCh	67, 17.059, 303.971
Yxy	36.4094, 0.2961, 0.2878
Android (android.graphics.Color)	4289240764 (0xFFA89EBC)
YUV	164.4100, 11.6299, 3.1484
Hunter-Lab	60.3402, 5.1973, -9.4765

Details

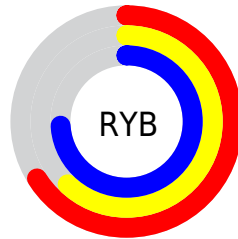
The XYZ color **37.4524, 36.4094, 52.6307** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5162, 47.9010, 39.3545**, and the grayscale version is **35.4304, 37.2755, 40.5930**.

A 20% lighter version of the original color is **70.5548, 69.8081, 95.3436**, and **16.8333, 15.9777, 25.1185** is the 20% darker color. If you saturate the color by 10%, you get **31.9468, 29.1701, 51.5241**, and if you desaturate by 10%, it is **43.7080, 44.7655, 53.9145**.

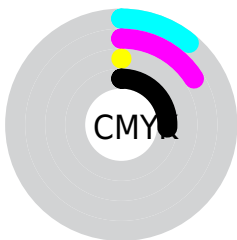
Distribution



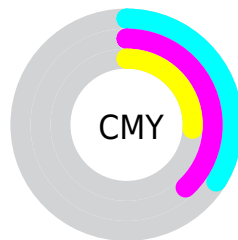
- Red (66%)
- Green (62%)
- Blue (74%)



- Red (66%)
- Yellow (62%)
- Blue (74%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4524, 36.4094, 52.6307 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 37.4524, 36.4094, 52.6307 by changing the saturation by 10% instead.

■ 37.4524, 36.4094,
52.6307

■ 37.4524, 36.4094,
52.6307

326.5867,
330.7464, 413.8927

■ 25.7332, 24.7505,
37.1223

■ 70.5774, 69.6635,
95.4968

■ 16.7558, 15.8913,
25.0057

■ 92.7139, 92.0275,
123.6915

■ 10.1548, 9.4473,
15.8622

119.0535,
118.7288, 156.9522

■ 5.5647, 5.0341,
9.2734

149.9617,
150.1516, 195.6973

■ 2.6204, 2.2673,
4.8207

185.8037,
186.6803, 240.3453

■ 0.9564, 0.7563,
2.0856

226.9450,

■ 0.0000, 0.0000,

228.6995, 291.3149

0.6072

273.7509,
276.5934, 349.0245

■ 0.0000, 0.0000,
0.0000

■ 37.4524, 36.4094,
52.6307

■ 37.4524, 36.4094,
52.6307

■ 31.9468, 29.1701,
51.5241

■ 43.7080, 44.7655,
53.9145

■ 27.1584, 22.9948,
50.5845

■ 50.7381, 54.2790,
55.3802

■ 23.0569, 17.8333,
49.8044

■ 58.5701, 64.9941,
57.0357

■ 19.6083, 13.6294,
49.1748

■ 67.2289, 76.9512,
58.8872

■ 16.7754, 10.3214,
48.6856

■ 76.7385, 90.1890,
60.9412

■ 14.5169, 7.8397,
48.3256

■ 81.8709, 94.2424,
61.4531

■ 12.7860, 6.1046,
48.0819

■ 86.0772, 96.4109,
61.6499

■ 11.5247, 5.0151,
47.9381

■ 11.1054, 4.6764,
47.8948

Harmonies

Analogous

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



34.9507, 36.4094, 55.5715



37.4524, 36.4094, 52.6307



39.2574, 36.4094, 46.2102

Triad

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



37.4524, 36.4094, 52.6307



36.8288, 36.4094, 28.1996



29.8897, 36.4094, 40.6356

Complementary

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



37.4524, 36.4094, 52.6307



42.5162, 47.9010, 39.3545

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.



30.3374, 36.4094, 33.7307



37.4524, 36.4094, 52.6307



34.2637, 36.4094, 27.0933

Square

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



37.4524, 36.4094, 52.6307



38.8849, 36.4094, 32.2237



31.9077, 36.4094, 28.9908



30.6532, 36.4094, 48.1232

Rectangle

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



37.4524, 36.4094, 52.6307



39.7771, 36.4094, 41.1546



31.9077, 36.4094, 28.9908



29.9038, 36.4094, 38.1701

Sweetspot

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



37.4535, 36.4109, 52.6315



80.2702, 82.5519, 97.9296



39.1990, 42.9413, 53.8000



17.0788, 17.5062, 21.0215



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.



37.4535, 36.4109, 52.6315



64.3812, 61.3649, 94.6776



40.7148, 38.0922, 52.7841



9.3081, 9.3757, 11.9913



7.6323, 3.2207, 32.6123



0.3697, 0.1626, 1.2808

Inverse Universe

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



41.0030, 38.3610, 47.3645



72.0310, 65.5703, 83.2071



39.3629, 46.2754, 39.2069



9.7911, 9.6407, 11.2889



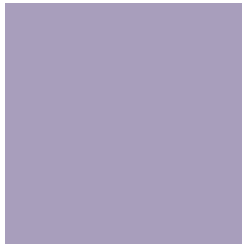
16.6910, 8.3076, 14.1984



0.6830, 0.3371, 0.7098

Previews

White Background



This preview shows how the XYZ color 37.4524, 36.4094, 52.6307 looks on a white background.

Color Contrast Check

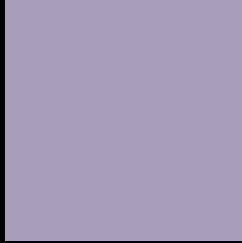
Large Text (above 18pt) WCAG AA × Fail

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 37.4524, 36.4094, 52.6307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

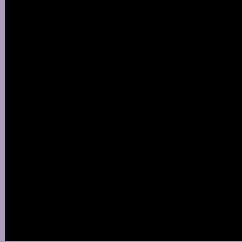
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4524, 36.4094, 52.6307

Background



This preview shows how black text looks on a background with the XYZ color 37.4524, 36.4094, 52.6307.



This preview shows how white text looks on a background with the XYZ color 37.4524, 36.4094,

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

37.4524, 36.4094, 52.6307

Protanopia

35.9438, 36.3755, 53.8419

Deuteranopia

37.2011, 36.5341, 52.6680



Tritanopia

36.0136, 36.6139, 44.7042

Trichromacy



Original Color

37.4524, 36.4094, 52.6307

Protanomaly

36.4541, 36.3928, 53.2473

Deuteranomaly

37.4116, 36.6426, 52.6779

Tritanomaly

36.5430, 36.5715, 47.2525

Monochromacy



Original Color

37.4524, 36.4094, 52.6307

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9802, 36.8571, 44.7529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4524, 36.4094, 52.6307 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.4524, 36.4094, 52.6307 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, 188) }
```


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

```
.border{ border-color:rgb(168, 158, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 188);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4524, 36.4094, 52.6307 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, 188) }
```

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

```
.background{ background-color: rgb(168,  
158, 188) }
```

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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