

Converting Colors

XYZ(37.9704, 37.4454, 52.8034)

Have a look what the booklet for
XYZ(37.9704, 37.4454, 52.8034)
contains.

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Color

**XYZ(37.9704, 37.4454,
52.8034)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A1BC
RGB	168, 161, 188
RGB Percent	66%, 63%, 74%
CMY	0.3412, 0.3686, 0.2627
CMYK	0.11, 0.14, 0.00, 0.26
HSL	256°, 17%, 68%
HSV	256°, 14%, 74%
XYZ	37.9704, 37.4454, 52.8034
YIQ	166.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

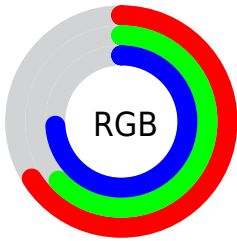
Format	Color
RYB	168, 161, 188
Decimal	11051452
CIELab	67.61, 7.86, -12.98
CIElCh	68, 15.171, 301.201
Yxy	37.4454, 0.2961, 0.2920
Android (android.graphics.Color)	4289241532 (0xFFA8A1BC)
YUV	166.1710, 10.7617, 1.6040
Hunter-Lab	61.1926, 3.6732, -8.3267

Details

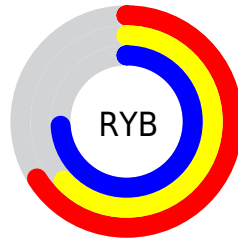
The XYZ color **37.9704, 37.4454, 52.8034** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4737, 48.3644, 40.7640**, and the grayscale version is **36.2802, 38.1696, 41.5667**.

A 20% lighter version of the original color is **71.3164, 71.3314, 95.5975**, and **17.1516, 16.6141, 25.2245** is the 20% darker color. If you saturate the color by 10%, you get **32.1212, 29.9149, 51.6587**, and if you desaturate by 10%, it is **44.6335, 46.1307, 54.1292**.

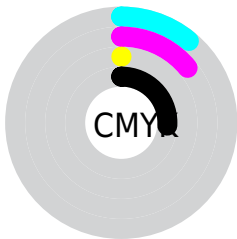
Distribution



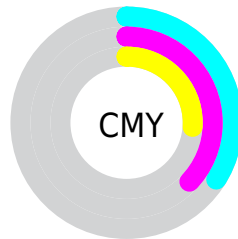
- Red (66%)
- Green (63%)
- Blue (74%)



- Red (66%)
- Yellow (63%)
- Blue (74%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9704, 37.4454, 52.8034 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 37.9704, 37.4454, 52.8034 by changing the saturation by 10% instead.

■ 37.9704, 37.4454,
52.8034

■ 37.9704, 37.4454,
52.8034

328.7760,
335.2349, 414.5753

■ 26.1368, 25.5525,
37.2592

■ 71.3670, 71.2573,
95.7536

■ 17.0592, 16.4892,
25.1109

■ 93.6607, 93.9451,
123.9967

■ 10.3723, 9.8710,
15.9399

120.1718,
121.0000, 157.3099

■ 5.7107, 5.3135,
9.3277

151.2656,
152.8064, 196.1116

■ 2.7089, 2.4323,
4.8559

187.3077,
189.7487, 240.8205

■ 1.0018, 0.8425,
2.1057

228.6632,

■ 0.0000, 0.0000,

232.2113, 291.8550

0.6191

275.6975,
280.5785, 349.6338

■ 0.0000, 0.0000,
0.0000

■ 37.9704, 37.4454,
52.8034

■ 37.9704, 37.4454,
52.8034

■ 32.1212, 29.9149,
51.6587

■ 44.6335, 46.1307,
54.1292

■ 27.0504, 23.4854,
50.6850

■ 52.1371, 56.0122,
55.6411

■ 22.7252, 18.1058,
49.8746

■ 60.5110, 67.1350,
57.3466

■ 19.1088, 13.7191,
49.2185

■ 69.7822, 79.5405,
59.2525

■ 16.1611, 10.2627,
48.7067

■ 79.9754, 93.2653,
61.3644

■ 13.8381, 7.6666,
48.3280

■ 84.8245, 95.7651,
61.5913

■ 12.0894, 5.8507,
48.0697

■ 86.0772, 96.4109,
61.6500

■ 10.8561, 4.7189,
47.9162

■ 10.3308, 4.2772,
47.8586

Harmonies

Analogous

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



35.6850, 37.4454, 55.0433



37.9704, 37.4454, 52.8034



39.6767, 37.4454, 47.2927

Triad

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



37.9704, 37.4454, 52.8034



37.8002, 37.4454, 30.4994



31.2834, 37.4454, 41.0421

Complementary

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



37.9704, 37.4454, 52.8034



43.4737, 48.3644, 40.7640

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.



31.7954, 37.4454, 34.8795



37.9704, 37.4454, 52.8034



35.4966, 37.4454, 29.2084

Square

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



37.9704, 37.4454, 52.8034



39.5755, 37.4454, 34.4599



33.3126, 37.4454, 30.7223



31.8829, 37.4454, 47.8106

Rectangle

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



37.9704, 37.4454, 52.8034



40.2200, 37.4454, 42.7726



33.3126, 37.4454, 30.7223



31.3310, 37.4454, 38.8341

Sweetspot

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



37.9715, 37.4470, 52.8042



81.2692, 84.1003, 98.1758



40.3511, 44.3586, 54.0129



17.2685, 17.8127, 21.0706



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.



37.9715, 37.4470, 52.8042



65.5734, 63.6710, 95.0598



40.9379, 38.9762, 52.9431



9.2422, 9.3417, 11.9882



7.0938, 2.9431, 32.5871



0.3414, 0.1480, 1.2794

Inverse Universe

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



41.8257, 39.5189, 49.1414



73.8390, 68.1166, 87.1079



40.5128, 46.8380, 40.6254



9.8215, 9.6529, 11.4489



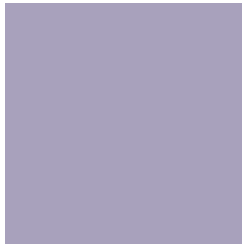
17.3382, 8.5664, 17.6065



0.7045, 0.3457, 0.8229

Previews

White Background



This preview shows how the XYZ color 37.9704, 37.4454, 52.8034 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 37.9704, 37.4454, 52.8034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

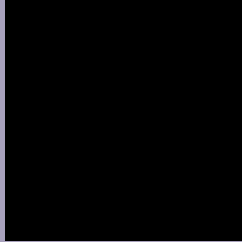
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9704, 37.4454, 52.8034

Background



This preview shows how black text looks on a background with the XYZ color 37.9704, 37.4454, 52.8034.



This preview shows how white text looks on a background with the XYZ color 37.9704, 37.4454,

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

37.9704, 37.4454, 52.8034

Protanopia

36.8887, 37.3857, 53.9871

Deuteranopia

38.2255, 37.3185, 52.7654



Tritanopia

36.6596, 37.4360, 46.3680

Trichromacy



Original Color

37.9704, 37.4454, 52.8034

Protanomaly

37.2099, 37.3013, 53.3828

Deuteranomaly

38.0101, 37.2075, 52.7554

Tritanomaly

37.0949, 37.3514, 48.4345

Monochromacy



Original Color

37.9704, 37.4454, 52.8034

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.8518, 37.8224, 45.4026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9704, 37.4454, 52.8034 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, 161, 188)` looks like.

```
.text, #text, p{  
    color:rgb(168, 161, 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, 161, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 161, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.9704, 37.4454, 52.8034 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, 161, 188) }
```


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

```
.border{ border-color:rgb(168, 161, 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, 161, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 161, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 161, 188);  
box-shadow:4px 4px 4px 4px rgb(168, 161,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9704, 37.4454, 52.8034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 161, 188) }
```

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

```
.background{ background-color: rgb(168,  
161, 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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