

Converting Colors

XYZ(37.9107, 37.7149, 54.6355)

Have a look what the booklet for
XYZ(37.9107, 37.7149, 54.6355)
contains.

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Color

**XYZ(37.8414, 37.6016,
54.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A2BF
RGB	165, 162, 191
RGB Percent	65%, 64%, 75%
CMY	0.3529, 0.3647, 0.2510
CMYK	0.14, 0.15, 0.00, 0.25
HSL	246°, 18%, 69%
HSV	246°, 15%, 75%
XYZ	37.8414, 37.6016, 54.5536
YIQ	166.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

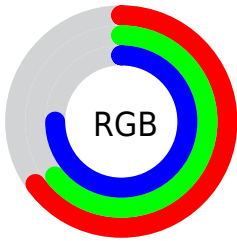
Format	Color
RYB	165, 162, 191
Decimal	10855103
CIELab	67.73, 6.94, -14.49
CIElCh	68, 16.070, 295.591
Yxy	37.6016, 0.2911, 0.2893
Android (android.graphics.Color)	4289045183 (0xFFA5A2BF)
YUV	166.2030, 12.2249, -1.0550
Hunter-Lab	61.3201, 2.8443, -9.8234

Details

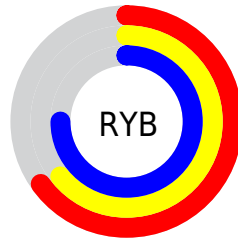
The XYZ color **37.8414, 37.6016, 54.5536** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.8927, 50.5625, 41.5249**, and the grayscale version is **36.2900, 38.1799, 41.5779**.

A 20% lighter version of the original color is **71.1166, 71.5568, 98.0593**, and **16.9734, 16.4975, 26.3345** is the 20% darker color. If you saturate the color by 10%, you get **31.4026, 29.6621, 53.3611**, and if you desaturate by 10%, it is **45.2705, 46.8122, 55.9405**.

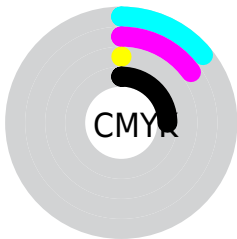
Distribution



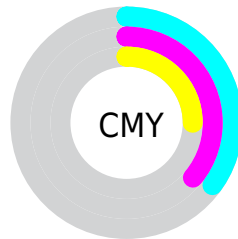
- Red (65%)
- Green (64%)
- Blue (75%)



- Red (65%)
- Yellow (64%)
- Blue (75%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8414, 37.6016, 54.5536 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 37.8414, 37.6016, 54.5536 by changing the saturation by 10% instead.

■ 37.8414, 37.6016,
54.5536

■ 37.8414, 37.6016,
54.5536

328.2318,
335.9078, 421.4517

■ 26.0363, 25.6736,
38.6482

■ 71.1704, 71.4971,
98.3512

■ 16.9836, 16.5796,
26.1805

■ 93.4251, 94.2334,
127.0805

■ 10.3180, 9.9352,
16.7317

119.8936,
121.3412, 160.9215

■ 5.6742, 5.3560,
9.8835

150.9413,
153.2051, 200.2929

■ 2.6868, 2.4576,
5.2172

186.9337,
190.2092, 245.6130

■ 0.9904, 0.8553,
2.3143

228.2359,

■ 0.0000, 0.0000,

232.7382, 297.3005

0.7392

275.2135,
281.1762, 355.7739

■ 0.0000, 0.0000,
0.0000

■ 37.8414, 37.6016,
54.5536

■ 37.8414, 37.6016,
54.5536

■ 31.4026, 29.6621,
53.3611

■ 45.2705, 46.8122,
55.9405

■ 25.9088, 22.9332,
52.3518

■ 53.7258, 57.3414,
57.5272

■ 21.3164, 17.3569,
51.5175

■ 63.2456, 69.2400,
59.3221

■ 17.5771, 12.8681,
50.8482

■ 73.8651, 82.5547,
61.3324

■ 14.6377, 9.3956,
50.3329

■ 84.8138, 95.7218,
63.2968

■ 12.4392, 6.8593,
49.9592

■ 86.4041, 96.5416,
63.3712

■ 10.9143, 5.1673,
49.7130

■ 9.9829, 4.2083,
49.5769

■ 9.6875, 3.9077,
49.5345

Harmonies

Analogous

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



35.3734, 37.6016, 56.1441



37.8414, 37.6016, 54.5536



39.8247, 37.6016, 49.1649

Triad

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



37.8414, 37.6016, 54.5536



38.5057, 37.6016, 30.6651



31.1871, 37.6016, 39.8996

Complementary

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



37.8414, 37.6016, 54.5536



45.8927, 50.5625, 41.5249

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.



31.9431, 37.6016, 33.6908



37.8414, 37.6016, 54.5536



36.1075, 37.6016, 28.7659

Square

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



37.8414, 37.6016, 54.5536



40.2205, 37.6016, 35.3150



33.7163, 37.6016, 29.8063



31.6038, 37.6016, 47.1365

Rectangle

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



37.8414, 37.6016, 54.5536



40.5657, 37.6016, 44.4394



33.7163, 37.6016, 29.8063



31.3115, 37.6016, 37.6326

Sweetspot

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



37.8425, 37.6032, 54.5544



81.2248, 84.0213, 100.2159



42.3100, 47.4532, 56.2202



17.6149, 18.1753, 21.9651



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



37.8425, 37.6032, 54.5544



64.0103, 62.6947, 97.0067



41.0086, 39.2353, 54.7026



9.1056, 9.2713, 11.9818



6.3998, 2.5853, 32.5546



0.2817, 0.1173, 1.2766

Inverse Universe

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



43.4845, 40.5494, 53.1135



75.9358, 68.9238, 93.8947



42.5201, 48.8239, 41.3671



9.8863, 9.6788, 11.7902



18.9842, 9.2248, 26.2739



0.7560, 0.3663, 1.0944

Previews

White Background



This preview shows how the XYZ color 37.8414, 37.6016, 54.5536 looks on a white background.

Color Contrast Check

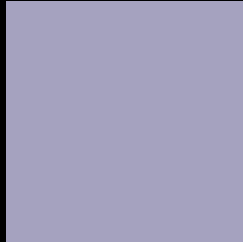
Large Text (above 18pt) WCAG AA × Fail

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 37.8414, 37.6016, 54.5536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

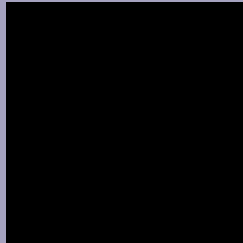
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8414, 37.6016, 54.5536

Background



This preview shows how black text looks on a background with the XYZ color 37.8414, 37.6016, 54.5536.



This preview shows how white text looks on a background with the XYZ color 37.8414, 37.6016,

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

37.8414, 37.6016, 54.5536

Protanopia

37.2871, 37.8303, 55.2059

Deuteranopia

38.2973, 37.5762, 54.5247



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

37.8414, 37.6016, 54.5536

Protanomaly

37.5119, 37.6815, 55.1653

Deuteranomaly

38.0852, 37.4668, 54.5147

Tritanomaly

36.8505, 37.4643, 49.5451

Monochromacy



Original Color

37.8414, 37.6016, 54.5536

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9189, 38.1124, 45.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8414, 37.6016, 54.5536 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(165, 162, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 191)  
}
```

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(165, 162, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.8414, 37.6016, 54.5536 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(165, 162, 191) }
```


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

```
.border{ border-color:rgb(165, 162, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8414, 37.6016, 54.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 191) }
```

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

```
.background{ background-color: rgb(165,  
162, 191) }
```

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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