

Converting Colors

XYZ(37.8892, 48.4160, 37.2385)

Have a look what the booklet for
XYZ(37.8892, 48.4160, 37.2385)
contains.

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Color

**XYZ(37.8465, 48.4954,
37.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	94C598
RGB	148, 197, 152
RGB Percent	58%, 77%, 60%
CMY	0.4196, 0.2274, 0.4039
CMYK	0.25, 0.00, 0.23, 0.23
HSL	125°, 30%, 68%
HSV	125°, 25%, 77%
XYZ	37.8465, 48.4954, 37.0716
YIQ	177.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

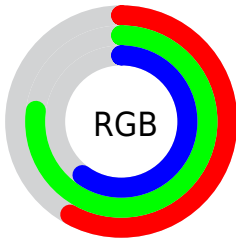
Format	Color
RYB	148, 193, 197
Decimal	9749912
CIELab	75.14, -24.98, 17.48
CIELCh	75, 30.489, 145.026
Yxy	48.4954, 0.3067, 0.3930
Android (android.graphics.Color)	4287939992 (0xFF94C598)
YUV	177.2190, -12.4330, -25.6251
Hunter-Lab	69.6386, -24.8583, 17.1845

Details

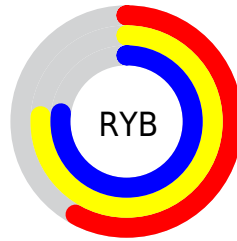
The XYZ color **37.8465, 48.4954, 37.0716** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2432, 36.9015, 55.2977**, and the grayscale version is **41.9750, 44.1610, 48.0913**.

A 20% lighter version of the original color is **71.2110, 88.0364, 71.6320**, and **16.9953, 23.0713, 15.8694** is the 20% darker color. If you saturate the color by 10%, you get **33.2114, 46.2656, 29.7010**, and if you desaturate by 10%, it is **43.3168, 51.1323, 45.6633**.

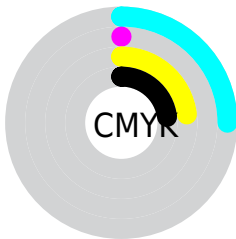
Distribution



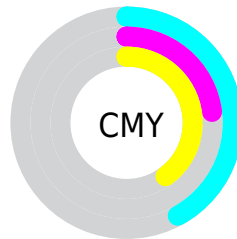
- Red (58%)
- Green (77%)
- Blue (60%)



- Red (58%)
- Yellow (76%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8465, 48.4954, 37.0716 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 37.8465, 48.4954, 37.0716 by changing the saturation by 10% instead.

■ 37.8465, 48.4954,
37.0716

■ 37.8465, 48.4954,
37.0716

328.2533,
380.7524, 348.7984

■ 26.0402, 34.2194,
24.9667

■ 71.1782, 87.9415,
71.8704

■ 16.9866, 23.0622,
15.8335

■ 93.4344, 113.8805,
95.4015

■ 10.3202, 14.6394,
9.2533

119.9046,
144.4758, 123.5783

■ 5.6756, 8.5667,
4.8077

150.9542,
180.1119, 156.8195

■ 2.6876, 4.4597,
2.0781

186.9485,
221.1732, 195.5436

■ 0.9908, 1.9339,
0.6027

228.2528,

■ 0.0000, 0.5686,

268.0442, 240.1690

0.0000

275.2327,
321.1091, 291.1145

■ 0.0000, 0.0000,
0.0000

■ 37.8465, 48.4954,
37.0716

■ 37.8465, 48.4954,
37.0716

■ 33.2114, 46.2656,
29.7010

■ 43.3168, 51.1323,
45.6633

■ 29.3666, 44.4170,
23.4930

■ 49.6564, 54.1888,
55.5244

■ 26.2691, 42.9300,
18.3892

■ 56.9023, 57.6843,
66.7048

■ 23.8701, 41.7807,
14.3250

■ 65.0884, 61.6352,
79.2507

■ 22.1150, 40.9426,
11.2289

■ 74.2465, 66.0570,
93.2058

■ 20.9411, 40.3851,
9.0204

■ 79.2572, 68.4144,
103.6357

■ 20.2729, 40.0713,
7.6061

■ 20.0613, 39.9720,
7.1515

Harmonies

Analogous

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



41.7007, 48.4954, 29.5617



37.8465, 48.4954, 37.0716



36.2068, 48.4954, 50.1829

Triad

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



37.8465, 48.4954, 37.0716



45.1692, 48.4954, 89.7253



56.5183, 48.4954, 40.8386

Complementary

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



37.8465, 48.4954, 37.0716



43.2432, 36.9015, 55.2977

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.



57.6336, 48.4954, 55.5132



37.8465, 48.4954, 37.0716



50.7843, 48.4954, 85.8383

Square

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



37.8465, 48.4954, 37.0716



40.2112, 48.4954, 82.2064



55.4590, 48.4954, 72.4540



52.5231, 48.4954, 31.4091

Rectangle

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



37.8465, 48.4954, 37.0716



36.4855, 48.4954, 61.1798



55.4590, 48.4954, 72.4540



57.2554, 48.4954, 45.2285

Sweetspot

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



37.8478, 48.4975, 37.0727



86.2572, 95.7592, 95.2946



47.4933, 53.5071, 35.8422



18.3085, 20.4221, 20.1578



0.0000, 0.0000, 0.0000



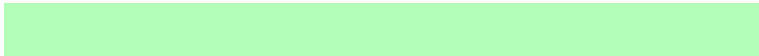
20.3446, 21.4041, 23.3091

Same Dimension

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



37.8478, 48.4975, 37.0727



62.9651, 84.5363, 58.7567



39.9938, 49.3559, 48.3736



10.5320, 11.9017, 11.4859



13.2075, 26.2954, 4.7712



0.6378, 1.2501, 0.2914

Inverse Universe

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



43.2432, 36.9015, 55.2977



74.3207, 60.1244, 97.1100



40.8007, 35.9245, 42.4360



11.0443, 10.8011, 13.2166



20.6403, 10.0057, 29.6454



0.9886, 0.4783, 1.4634

Previews

White Background



This preview shows how the XYZ color 37.8465, 48.4954, 37.0716 looks on a white background.

Color Contrast Check

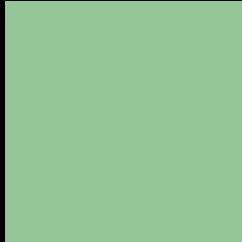
Large Text (above 18pt) WCAG AA × Fail

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 37.8465, 48.4954, 37.0716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

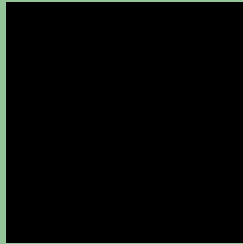
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8465, 48.4954, 37.0716

Background



This preview shows how black text looks on a background with the XYZ color 37.8465, 48.4954, 37.0716.



This preview shows how white text looks on a background with the XYZ color 37.8465, 48.4954,

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

37.8465, 48.4954, 37.0716

Protanopia

45.0937, 48.0921, 34.1001

Deuteranopia

48.8743, 47.8416, 38.1109



Tritanopia

43.3375, 48.4028, 64.8161

Trichromacy



Original Color

37.8465, 48.4954, 37.0716

Protanomaly

42.1333, 48.1170, 35.0838

Deuteranomaly

44.0432, 47.4664, 37.8509

Tritanomaly

41.2593, 48.5551, 53.6519

Monochromacy



Original Color

37.8465, 48.4954, 37.0716

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

39.9343, 45.2151, 43.6684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8465, 48.4954, 37.0716 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(148, 197, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 152)  
}
```

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(148, 197, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.8465, 48.4954, 37.0716 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(148, 197, 152) }
```


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

```
.border{ border-color:rgb(148, 197, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8465, 48.4954, 37.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 152) }
```

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

```
.background{ background-color: rgb(148,  
197, 152) }
```

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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