

Converting Colors

XYZ(36.7878, 48.5902, 37.3238)

Have a look what the booklet for
XYZ(36.7878, 48.5902, 37.3238)
contains.

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Color

**XYZ(36.7384, 48.6028,
37.1507)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC798
RGB	139, 199, 152
RGB Percent	55%, 78%, 60%
CMY	0.4549, 0.2196, 0.4039
CMYK	0.30, 0.00, 0.24, 0.22
HSL	133°, 35%, 66%
HSV	133°, 30%, 78%
XYZ	36.7384, 48.6028, 37.1507
YIQ	175.7020, -20.6730, -27.3370

Conversions

Conversions Part 2

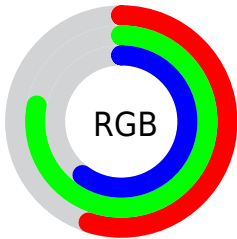
Format	Color
RYB	139, 188, 199
Decimal	9160600
CIELab	75.20, -28.90, 17.49
CIELCh	75, 33.781, 148.812
Yxy	48.6028, 0.2999, 0.3968
Android (android.graphics.Color)	4287350680 (0xFF8BC798)
YUV	175.7020, -11.6851, -32.1877
Hunter-Lab	69.7157, -27.9375, 17.2060

Details

The XYZ color **36.7384, 48.6028, 37.1507** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6504, 34.1537, 50.8536**, and the grayscale version is **41.1793, 43.3238, 47.1797**.

A 20% lighter version of the original color is **69.1487, 87.4456, 71.6267**, and **16.4048, 23.2166, 15.9285** is the 20% darker color. If you saturate the color by 10%, you get **32.5193, 46.5671, 30.7211**, and if you desaturate by 10%, it is **41.7327, 51.0215, 44.4947**.

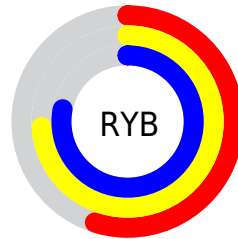
Distribution



Red (55%)

Green (78%)

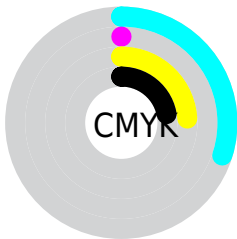
Blue (60%)



Red (55%)

Yellow (74%)

Blue (78%)

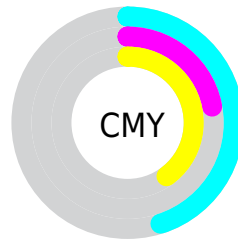


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7384, 48.6028, 37.1507 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 36.7384, 48.6028, 37.1507 by changing the saturation by 10% instead.

■ 36.7384, 48.6028,
37.1507

■ 36.7384, 48.6028,
37.1507

323.5518,
381.1765, 349.1508

■ 25.1778, 34.3045,
25.0275

■ 69.4867, 88.1012,
71.9934

■ 16.3390, 23.1276,
15.8783

■ 91.4051, 114.0702,
95.5500

■ 9.8567, 14.6878,
9.2847

■ 117.5067,
144.6981, 123.7548

■ 5.3656, 8.6006,
4.8280

148.1570,
180.3694, 157.0264

■ 2.5003, 4.4816,
2.0897

183.7213,
221.4685, 195.7832

■ 0.8954, 1.9464,
0.6096

224.5650,

■ 0.0000, 0.5761,

268.3798, 240.4439

0.0000

271.0534,
321.4877, 291.4269

■ 0.0000, 0.0000,
0.0000

■ 36.7384, 48.6028,
37.1507

■ 36.7384, 48.6028,
37.1507

■ 32.5193, 46.5671,
30.7211

■ 41.7327, 51.0215,
44.4947

■ 29.0323, 44.8888,
25.1669

■ 47.5350, 53.8352,
52.7835

■ 26.2358, 43.5486,
20.4511


■ 54.1806, 57.0629,
62.0503

■ 24.0822, 42.5229,
16.5327


■ 61.7017, 60.7206,
72.3257


■ 22.5181, 41.7850,
13.3673

■ 70.1288, 64.8232,
83.6387

 21.4805, 41.3035,
10.9061

 78.2275, 68.7339,
95.9584

 20.8625, 41.0240,
9.1156

 79.7143, 69.3287,
103.7881

Harmonies

Analogous

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



40.6906, 48.6028, 28.3087



36.7384, 48.6028, 37.1507



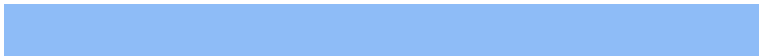
35.2829, 48.6028, 52.2165

Triad

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



36.7384, 48.6028, 37.1507



45.9491, 48.6028, 94.8666



57.4353, 48.6028, 38.1262

Complementary

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



36.7384, 48.6028, 37.1507



41.6504, 34.1537, 50.8536

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.



59.1539, 48.6028, 53.6302



36.7384, 48.6028, 37.1507



52.1758, 48.6028, 88.7817

Square

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



36.7384, 48.6028, 37.1507



40.2990, 48.6028, 87.7874



57.1504, 48.6028, 72.6192



52.6408, 48.6028, 28.7771

Rectangle

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



36.7384, 48.6028, 37.1507



35.8150, 48.6028, 64.6978



57.1504, 48.6028, 72.6192



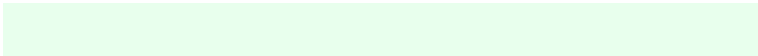
58.4098, 48.6028, 42.6664

Sweetspot

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



36.7397, 48.6048, 37.1518



84.3443, 94.7999, 93.9907



45.5790, 53.2780, 32.3081



17.7078, 20.1235, 19.6310



0.0000, 0.0000, 0.0000



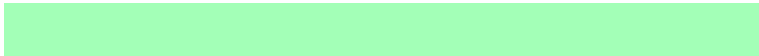
20.3446, 21.4041, 23.3091

Same Dimension

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



36.7397, 48.6048, 37.1518



59.4618, 82.7503, 57.6870



39.4129, 49.6741, 51.2286



10.5900, 11.9249, 11.7910



13.4415, 26.3890, 6.0033



0.6642, 1.2606, 0.4304

Inverse Universe

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



41.6504, 34.1537, 50.8536



69.3841, 53.5300, 85.3564



38.8731, 33.0427, 36.2283



10.9809, 10.7758, 12.8828



19.0311, 9.3620, 21.1712



0.9263, 0.4534, 1.1351

Previews

White Background



This preview shows how the XYZ color 36.7384, 48.6028, 37.1507 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 36.7384, 48.6028, 37.1507 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 36.7384, 48.6028, 37.1507

Background



This preview shows how black text looks on a background with the XYZ color 36.7384, 48.6028, 37.1507.



This preview shows how white text looks on a background with the XYZ color 36.7384, 48.6028,

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

36.7384, 48.6028, 37.1507

Protanopia

45.0163, 48.0611, 33.6922

Deuteranopia

48.9593, 47.8757, 38.5588



Tritanopia

42.6898, 48.6883, 66.1793

Trichromacy



Original Color

36.7384, 48.6028, 37.1507

Protanomaly

41.2221, 47.6473, 35.0412

Deuteranomaly

43.2729, 47.3788, 37.8746

Tritanomaly

40.3388, 48.7291, 54.2933

Monochromacy



Original Color

36.7384, 48.6028, 37.1507

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.2198, 44.8575, 43.1505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7384, 48.6028, 37.1507 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(139, 199, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 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(139, 199, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.7384, 48.6028, 37.1507 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(139, 199, 152) }
```


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

```
.border{ border-color:rgb(139, 199, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 199, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 199, 152); box-shadow:4px 4px 4px 4px rgb(139, 199, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7384, 48.6028, 37.1507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 152) }
```

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

```
.background{ background-color: rgb(139,  
199, 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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