

Converting Colors

XYZ(34.4992, 47.6717, 36.9246)

Have a look what the booklet for
XYZ(34.4992, 47.6717, 36.9246)
contains.

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Color

**XYZ(34.6340, 47.8606,
37.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC898
RGB	124, 200, 152
RGB Percent	49%, 78%, 60%
CMY	0.5137, 0.2157, 0.4039
CMYK	0.38, 0.00, 0.24, 0.22
HSL	142°, 41%, 64%
HSV	142°, 38%, 78%
XYZ	34.6340, 47.8606, 37.1184
YIQ	171.8040, -29.8880, -31.0400

Conversions

Conversions Part 2

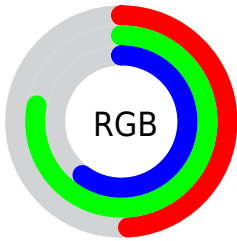
Format	Color
RYB	124, 180, 200
Decimal	8177816
CIELab	74.74, -33.98, 16.73
CIELCh	75, 37.874, 153.787
Yxy	47.8606, 0.2896, 0.4001
Android (android.graphics.Color)	4286367896 (0xFF7CC898)
YUV	171.8040, -9.7634, -41.9241
Hunter-Lab	69.1814, -31.7056, 16.6156

Details

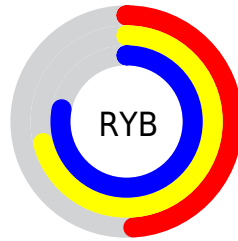
The XYZ color **34.6340, 47.8606, 37.1184** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.4751, 29.6744, 42.7317**, and the grayscale version is **39.1733, 41.2133, 44.8813**.

A 20% lighter version of the original color is **65.4910, 85.5599, 71.4555**, and **15.2264, 22.8369, 15.9174** is the 20% darker color. If you saturate the color by 10%, you get **31.0515, 46.1283, 31.8351**, and if you desaturate by 10%, it is **38.9154, 49.9431, 43.0118**.

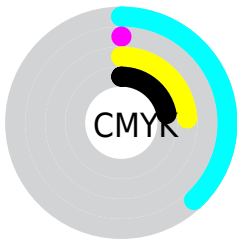
Distribution



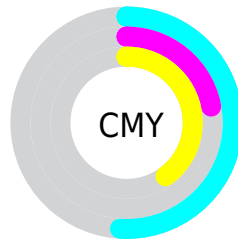
- Red (49%)
- Green (78%)
- Blue (60%)



- Red (49%)
- Yellow (71%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (24%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6340, 47.8606, 37.1184 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 34.6340, 47.8606, 37.1184 by changing the saturation by 10% instead.

■ 34.6340, 47.8606,
37.1184

■ 34.6340, 47.8606,
37.1184

314.4863,
378.2393, 349.0070

■ 23.5463, 33.7165,
25.0027

■ 66.2562, 86.9968,
71.9432

■ 15.1203, 22.6759,
15.8600

■ 87.5213, 112.7577,
95.4894

■ 8.9907, 14.3544,
9.2719

■ 112.9096,
143.1597, 123.6828

■ 4.7922, 8.3676,
4.8197

142.7864,
178.5871, 156.9419

■ 2.1594, 4.3310,
2.0850

177.5172,
219.4244, 195.6854

■ 0.7212, 1.8604,
0.6068

217.4671,

■ 0.0000, 0.5244,

266.0559, 240.3317

0.0000

263.0017,
318.8661, 291.2993

■ 0.0000, 0.0000,
0.0000

■ 34.6340, 47.8606,
37.1184

■ 34.6340, 47.8606,
37.1184

■ 31.0515, 46.1283,
31.8351

■ 38.9154, 49.9431,
43.0118

■ 28.1251, 44.7206,
27.1388

■ 43.9279, 52.3880,
49.5307

■ 25.8128, 43.6176,
23.0097

■ 49.7062, 55.2143,
56.6944


■ 24.0661, 42.7947,
19.4257


■ 56.2815, 58.4376,
64.5200


■ 22.8284, 42.2231,
16.3630


■ 63.6834, 62.0728,
73.0240


 22.0170, 41.8608,
13.7953

 71.9399, 66.1342,
82.2226

 21.8805, 41.8004,
13.3378

 77.6867, 68.8869,
91.9724

 79.6340, 69.6658,
102.2269

 79.9451, 69.7903,
103.8650

Harmonies

Analogous

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



38.5295, 47.8606, 26.5610



34.6340, 47.8606, 37.1184



33.5367, 47.8606, 54.6521

Triad

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



34.6340, 47.8606, 37.1184



46.3685, 47.8606, 99.7345



57.3811, 47.8606, 33.7710

Complementary

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



34.6340, 47.8606, 37.1184



38.4751, 29.6744, 42.7317

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.



59.9918, 47.8606, 49.6519



34.6340, 47.8606, 37.1184



53.2421, 47.8606, 90.3212

Square

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



34.6340, 47.8606, 37.1184



39.8989, 47.8606, 93.9765



58.4062, 47.8606, 70.6811



51.5806, 47.8606, 24.9976

Rectangle

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



34.6340, 47.8606, 37.1184



34.4372, 47.8606, 68.9168



58.4062, 47.8606, 70.6811



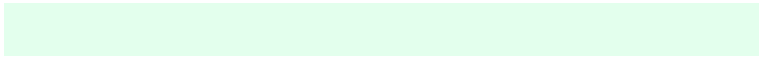
58.6860, 47.8606, 38.2886

Sweetspot

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



34.6353, 47.8626, 37.1195



82.7504, 93.9738, 94.1157



41.3366, 51.5517, 26.8413



17.4130, 19.9680, 19.7757



0.0000, 0.0000, 0.0000



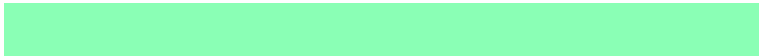
20.3446, 21.4041, 23.3091

Same Dimension

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



34.6353, 47.8626, 37.1195



54.5234, 80.2304, 56.2823



38.2477, 49.3075, 56.1423



10.6563, 11.9514, 12.1404



13.9516, 26.5930, 8.6899



0.6955, 1.2731, 0.5950

Inverse Universe

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



38.4751, 29.6744, 42.7317



62.1421, 44.0936, 67.3813



35.3409, 28.4207, 26.2270



10.9109, 10.7478, 12.5142



17.5972, 8.7885, 13.6207



0.8673, 0.4298, 0.8243

Previews

White Background



This preview shows how the XYZ color 34.6340, 47.8606, 37.1184 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 34.6340, 47.8606, 37.1184 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 34.6340, 47.8606, 37.1184

Background



This preview shows how black text looks on a background with the XYZ color 34.6340, 47.8606, 37.1184.



This preview shows how white text looks on a background with the XYZ color 34.6340, 47.8606,

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

34.6340, 47.8606, 37.1184

Protanopia

44.4732, 47.4827, 33.2066

Deuteranopia

48.1895, 47.1866, 38.4664



Tritanopia

40.6085, 47.9282, 66.7853

Trichromacy



Original Color

34.6340, 47.8606, 37.1184

Protanomaly

39.8262, 46.9368, 34.5644

Deuteranomaly

41.8558, 46.6482, 37.8083

Tritanomaly

38.3327, 48.0162, 54.8247

Monochromacy



Original Color

34.6340, 47.8606, 37.1184

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.0370, 43.1411, 41.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6340, 47.8606, 37.1184 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(124, 200, 152)` looks like.

```
.text, #text, p{  
    color:rgb(124, 200, 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(124, 200, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 200, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.6340, 47.8606, 37.1184 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(124, 200, 152) }
```


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

```
.border{ border-color:rgb(124, 200, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 200, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 200, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 200, 152); box-shadow:4px 4px 4px 4px rgb(124, 200, 152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6340, 47.8606, 37.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 200, 152) }
```

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

```
.background{ background-color: rgb(124,  
200, 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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