

Converting Colors

XYZ(36.3182, 47.9666, 25.1153)

Have a look what the booklet for
XYZ(36.3182, 47.9666, 25.1153)
contains.

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Color

**XYZ(36.3053, 47.9640,
25.1138)**

Conversions

Conversions Part 1

Format	Color
Hex	98C578
RGB	152, 197, 120
RGB Percent	60%, 77%, 47%
CMY	0.4039, 0.2274, 0.5294
CMYK	0.23, 0.00, 0.39, 0.23
HSL	95°, 40%, 62%
HSV	95°, 39%, 77%
XYZ	36.3053, 47.9640, 25.1138
YIQ	174.7670, -2.1030, -33.4870

Conversions

Conversions Part 2

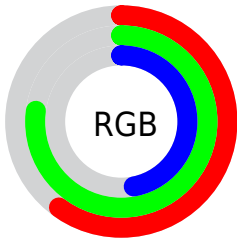
Format	Color
RYB	120, 197, 165
Decimal	10012024
CIELab	74.80, -28.61, 33.90
CIELCh	75, 44.358, 130.157
Yxy	47.9640, 0.3319, 0.4385
Android (android.graphics.Color)	4288202104 (0xFF98C578)
YUV	174.7670, -27.0001, -19.9667
Hunter-Lab	69.2560, -27.6251, 26.9793

Details

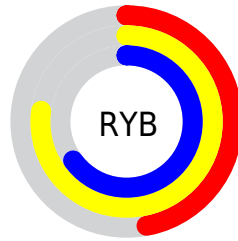
The XYZ color **36.3053, 47.9640, 25.1138** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.3137, 25.4649, 56.0381**, and the grayscale version is **40.7641, 42.8870, 46.7039**.

A 20% lighter version of the original color is **68.7168, 87.1662, 52.7382**, and **16.0735, 22.7398, 9.3364** is the 20% darker color. If you saturate the color by 10%, you get **33.1795, 46.4783, 19.3558**, and if you desaturate by 10%, it is **39.8888, 49.6602, 32.1792**.

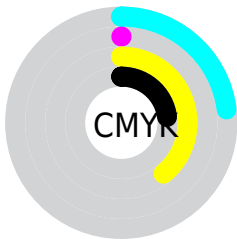
Distribution



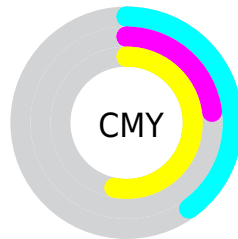
- Red (60%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3053, 47.9640, 25.1138 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 36.3053, 47.9640, 25.1138 by changing the saturation by 10% instead.

■ 36.3053, 47.9640,
25.1138

■ 36.3053, 47.9640,
25.1138

321.7010,
378.6494, 291.8700

■ 24.8413, 33.7984,
15.9421

■ 68.8238, 87.1508,
52.8082

■ 16.0869, 22.7388,
9.3293

■ 90.6090, 112.9408,
72.1679

■ 9.6769, 14.4007,
4.8568

■ 116.5654,
143.3743, 95.7607

■ 5.2459, 8.3999,
2.1062

147.0581,
178.8358, 124.0052

■ 2.4285, 4.3519,
0.6195

182.4527,
219.7097, 157.3198

■ 0.8593, 1.8723,
0.0000

223.1145,

■ 0.0000, 0.5316,

266.3803, 196.1231

0.0000

269.4088,
319.2321, 240.8337

■ 0.0000, 0.0000,
0.0000

■ 36.3053, 47.9640,
25.1138

■ 36.3053, 47.9640,
25.1138

■ 33.1795, 46.4783,
19.3558

■ 39.8888, 49.6602,
32.1792

■ 30.4866, 45.1876,
14.8217

■ 43.9459, 51.5690,
40.6222

■ 28.2047, 44.0841,
11.4234


■ 48.4961, 53.7006,
50.5120

■ 26.3082, 43.1568,
9.0597


■ 53.5569, 56.0624,
61.9120

■ 24.7676, 42.3930,
7.6113

■ 59.1444, 58.6616,
74.8819

 23.5370, 41.7737,
6.8743

 65.2745, 61.5050,
89.4782

 23.4352, 41.7223,
6.8181

 71.4905, 64.4106,
103.2723

 75.3645, 66.4077,
103.4536

 79.2573, 68.4145,
103.6358

Harmonies

Analogous

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



42.9092, 47.9640, 19.5826



36.3053, 47.9640, 25.1138



32.5075, 47.9640, 38.5590

Triad

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



36.3053, 47.9640, 25.1138



40.5267, 47.9640, 106.0974



62.6110, 47.9640, 44.7811

Complementary

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



36.3053, 47.9640, 25.1138



32.3137, 25.4649, 56.0381

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.



61.7777, 47.9640, 68.7887



36.3053, 47.9640, 25.1138



48.3767, 47.9640, 109.2398

Square

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



36.3053, 47.9640, 25.1138



34.7384, 47.9640, 86.4012



56.3325, 47.9640, 94.0293



58.4906, 47.9640, 28.5095

Rectangle

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



36.3053, 47.9640, 25.1138



31.7785, 47.9640, 52.3463



56.3325, 47.9640, 94.0293



62.9115, 47.9640, 52.1031

Sweetspot

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



36.3065, 47.9661, 25.1148



84.2326, 94.9480, 84.6930



39.8582, 40.1085, 23.4110



17.7947, 20.2130, 17.6157



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.



36.3065, 47.9661, 25.1148



60.1400, 83.5820, 35.9403



31.5063, 45.4450, 26.9920



10.9081, 12.0995, 11.3233



15.5039, 27.4878, 4.4885



0.8162, 1.3438, 0.2164

Inverse Universe

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



32.3137, 25.4649, 56.0381



51.9661, 37.5970, 99.1258



39.1025, 29.0479, 52.5985



10.6406, 10.5885, 13.4005



11.3880, 5.1050, 35.1295



0.6203, 0.2835, 1.6672

Previews

White Background



This preview shows how the XYZ color 36.3053, 47.9640, 25.1138 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 36.3053, 47.9640, 25.1138 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 36.3053, 47.9640, 25.1138

Background



This preview shows how black text looks on a background with the XYZ color 36.3053, 47.9640, 25.1138.



This preview shows how white text looks on a background with the XYZ color 36.3053, 47.9640,

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

36.3053, 47.9640, 25.1138

Protanopia

44.0544, 47.7981, 23.1237

Deuteranopia

48.4404, 47.5914, 26.0350



Tritanopia

43.7408, 47.6974, 62.7783

Trichromacy



Original Color

36.3053, 47.9640, 25.1138

Protanomaly

40.9369, 47.7468, 23.8881

Deuteranomaly

43.2213, 47.3131, 25.5932

Tritanomaly

40.5744, 47.7137, 46.1009

Monochromacy



Original Color

36.3053, 47.9640, 25.1138

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.7862, 44.4490, 37.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3053, 47.9640, 25.1138 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(152, 197, 120)` looks like.

```
.text, #text, p{  
    color:rgb(152, 197, 120)  
}
```

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(152, 197, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 197, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.3053, 47.9640, 25.1138 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(152, 197, 120) }
```


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

```
.border{ border-color:rgb(152, 197, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 197, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 197, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 197, 120);  
box-shadow:4px 4px 4px 4px rgb(152, 197,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3053, 47.9640, 25.1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 197, 120) }
```

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

```
.background{ background-color: rgb(152,  
197, 120) }
```

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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