

Converting Colors

XYZ(36.2556, 47.6028, 25.0481)

Have a look what the booklet for
XYZ(36.2556, 47.6028, 25.0481)
contains.

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Color

**XYZ(36.2670, 47.6082,
25.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	99C478
RGB	153, 196, 120
RGB Percent	60%, 77%, 47%
CMY	0.4000, 0.2314, 0.5294
CMYK	0.22, 0.00, 0.39, 0.23
HSL	94°, 39%, 62%
HSV	94°, 39%, 77%
XYZ	36.2670, 47.6082, 25.0471
YIQ	174.4790, -1.2320, -32.7520

Conversions

Conversions Part 2

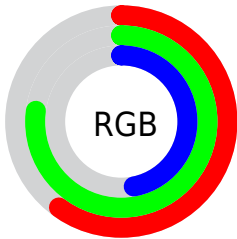
Format	Color
RYB	120, 196, 163
Decimal	10077304
CIELab	74.58, -27.76, 33.62
CIELCh	75, 43.603, 129.548
Yxy	47.6082, 0.3330, 0.4371
Android (android.graphics.Color)	4288267384 (0xFF99C478)
YUV	174.4790, -26.8581, -18.8371
Hunter-Lab	68.9987, -26.9248, 26.7763

Details

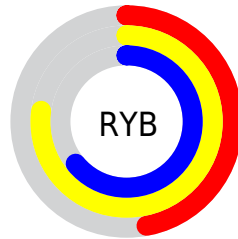
The XYZ color **36.2670, 47.6082, 25.0471** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.7864, 25.2063, 55.4171**, and the grayscale version is **40.6142, 42.7293, 46.5322**.

A 20% lighter version of the original color is **68.6805, 86.6776, 52.6458**, and **16.0340, 22.4975, 9.2917** is the 20% darker color. If you saturate the color by 10%, you get **33.2006, 46.1525, 19.3173**, and if you desaturate by 10%, it is **39.7739, 49.2657, 32.0705**.

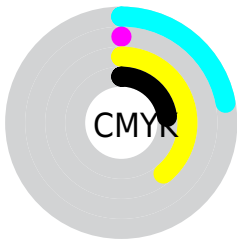
Distribution



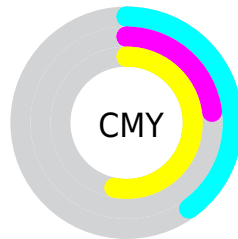
- Red (60%)
- Green (77%)
- Blue (47%)



- Red (47%)
- Yellow (77%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2670, 47.6082, 25.0471 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 36.2670, 47.6082, 25.0471 by changing the saturation by 10% instead.

■ 36.2670, 47.6082,
25.0471

■ 36.2670, 47.6082,
25.0471

321.5370,
377.2370, 291.5276

■ 24.8115, 33.5167,
15.8928

■ 68.7652, 86.6208,
52.6987

■ 16.0647, 22.5226,
9.2948

■ 90.5386, 112.3106,
72.0331

■ 9.6611, 14.2414,
4.8345

■ 116.4820,
142.6354, 95.5979

■ 5.2354, 8.2887,
2.0935

146.9608,
177.9795, 123.8117

■ 2.4222, 4.2803,
0.6119

182.3403,
218.7274, 157.0930

■ 0.8562, 1.8315,
0.0000

222.9860,

■ 0.0000, 0.5067,

265.2633, 195.8604

0.0000

269.2631,
317.9717, 240.5324

■ 0.0000, 0.0000,
0.0000

■ 36.2670, 47.6082,
25.0471

■ 36.2670, 47.6082,
25.0471

■ 33.2006, 46.1525,
19.3173

■ 39.7739, 49.2657,
32.0705

■ 30.5509, 44.8838,
14.7988

■ 43.7365, 51.1270,
40.4566

■ 28.2969, 43.7946,
11.4051


■ 48.1735, 53.2017,
50.2736


■ 26.4141, 42.8745,
9.0366


■ 53.1014, 55.4969,
61.5838


■ 24.8742, 42.1114,
7.5764


■ 58.5361, 58.0195,
74.4463


 23.6342, 41.4873,
6.8311

 64.4924, 60.7760,
88.9165

 23.4964, 41.4178,
6.7561

 70.6275, 63.6297,
103.1670

 74.3139, 65.5301,
103.3395

 78.2310, 67.5494,
103.5229

Harmonies

Analogous

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



42.7818, 47.6082, 19.7261



36.2670, 47.6082, 25.0471



32.4794, 47.6082, 38.0970

Triad

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



36.2670, 47.6082, 25.0471



40.1565, 47.6082, 104.0916



61.9084, 47.6082, 44.9637

Complementary

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



36.2670, 47.6082, 25.0471



31.7864, 25.2063, 55.4171

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.



60.9939, 47.6082, 68.5380



36.2670, 47.6082, 25.0471



47.8117, 47.6082, 107.5280

Square

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



36.2670, 47.6082, 25.0471



34.5374, 47.6082, 84.6899



55.6063, 47.6082, 93.0442



57.9765, 47.6082, 28.8144

Rectangle

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



36.2670, 47.6082, 25.0471



31.7196, 47.6082, 51.4951



55.6063, 47.6082, 93.0442



62.1670, 47.6082, 52.1809

Sweetspot

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



36.2682, 47.6103, 25.0481



84.4234, 95.0464, 84.7020



39.0421, 38.8639, 23.2137



17.8396, 20.2361, 17.6178



0.0000, 0.0000, 0.0000



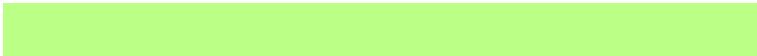
20.3446, 21.4041, 23.3091

Same Dimension

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



36.2682, 47.6103, 25.0481



60.6829, 83.8618, 35.9657



31.1125, 44.9252, 26.0349



10.3500, 11.4679, 10.7299



15.1917, 26.6604, 4.3453



0.7353, 1.1926, 0.1914

Inverse Universe

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



31.7864, 25.2063, 55.4171



51.3536, 37.2812, 99.0971



39.0198, 28.9846, 53.5259



10.0614, 10.0228, 12.6891



10.7066, 4.7799, 33.9149



0.5405, 0.2467, 1.4690

Previews

White Background



This preview shows how the XYZ color 36.2670, 47.6082, 25.0471 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 36.2670, 47.6082, 25.0471 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 36.2670, 47.6082, 25.0471

Background



This preview shows how black text looks on a background with the XYZ color 36.2670, 47.6082, 25.0471.



This preview shows how white text looks on a background with the XYZ color 36.2670, 47.6082,

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

36.2670, 47.6082, 25.0471

Protanopia

43.5812, 47.2469, 23.0422

Deuteranopia

48.2451, 47.2007, 25.9699



Tritanopia

43.6186, 47.3342, 62.0958

Trichromacy



Original Color

36.2670, 47.6082, 25.0471

Protanomaly

40.4855, 47.1959, 23.8055

Deuteranomaly

43.0143, 46.8991, 25.5242

Tritanomaly

40.5578, 47.3825, 46.0378

Monochromacy



Original Color

36.2670, 47.6082, 25.0471

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.2866, 43.8960, 37.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2670, 47.6082, 25.0471 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(153, 196, 120)` looks like.

```
.text, #text, p{  
    color:rgb(153, 196, 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(153, 196, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 196, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.2670, 47.6082, 25.0471 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(153, 196, 120) }
```


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

```
.border{ border-color:rgb(153, 196, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 196, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 196, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 196, 120);  
box-shadow:4px 4px 4px 4px rgb(153, 196,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2670, 47.6082, 25.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 196, 120) }
```

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

```
.background{ background-color: rgb(153,  
196, 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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