

Converting Colors

XYZ(30.3037, 38.2294, 25.7924)

Have a look what the booklet for
XYZ(30.3037, 38.2294, 25.7924)
contains.

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Color

**XYZ(30.3406, 38.2457,
25.8617)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB07F
RGB	141, 176, 127
RGB Percent	55%, 69%, 50%
CMY	0.4471, 0.3098, 0.5020
CMYK	0.20, 0.00, 0.28, 0.31
HSL	103°, 24%, 59%
HSV	103°, 28%, 69%
XYZ	30.3406, 38.2457, 25.8617
YIQ	159.9490, -5.1310, -22.6590

Conversions

Conversions Part 2

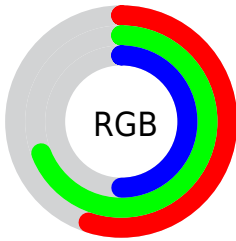
Format	Color
RYB	127, 176, 162
Decimal	9285759
CIELab	68.20, -21.22, 21.32
CIELCh	68, 30.078, 134.873
Yxy	38.2457, 0.3212, 0.4049
Android (android.graphics.Color)	4287475839 (0xFF8DB07F)
YUV	159.9490, -16.2439, -16.6183
Hunter-Lab	61.8431, -20.6523, 18.4961

Details

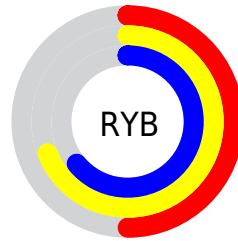
The XYZ color **30.3406, 38.2457, 25.8617** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **30.3278, 25.9958, 44.4956**, and the grayscale version is **33.4651, 35.2079, 38.3414**.

A 20% lighter version of the original color is **59.6005, 72.6106, 54.0540**, and **12.6390, 16.8754, 9.6123** is the 20% darker color. If you saturate the color by 10%, you get **27.2747, 36.7875, 20.2447**, and if you desaturate by 10%, it is **33.8516, 39.9125, 32.5472**.

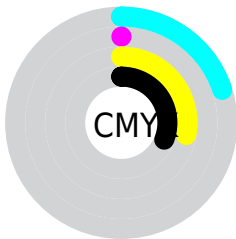
Distribution



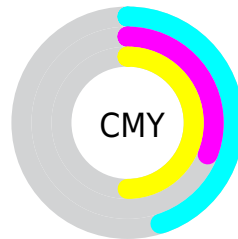
- Red (55%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3406, 38.2457, 25.8617 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 30.3406, 38.2457, 25.8617 by changing the saturation by 10% instead.

■ 30.3406, 38.2457,
25.8617

■ 30.3406, 38.2457,
25.8617

295.3703,
338.6728, 295.6864

■ 20.2466, 26.1734,
16.4954

■ 59.5833, 72.4846,
54.0331

■ 12.6837, 16.9534,
9.7172

■ 79.4628, 95.4200,
73.6752

■ 7.2866, 10.2013,
5.1087

■ 103.3348,
122.7452, 97.5797

■ 3.6899, 5.5326,
2.2513

131.5647,
154.8447, 126.1651

■ 1.5282, 2.5630,
0.7038

164.5178,
192.1028, 159.8499

■ 0.3449, 0.9081,
0.0000

202.5596,

■ 0.0000, 0.0000,

234.9039, 199.0527

0.0000

246.0553,
283.6324, 244.1920

■ 30.3406, 38.2457,
25.8617

■ 30.3406, 38.2457,
25.8617

■ 27.2747, 36.7875,
20.2447

■ 33.8516, 39.9125,
32.5472

■ 24.6325, 35.5246,
15.6383

■ 37.8221, 41.7908,
40.3498

■ 22.3950, 34.4497,
11.9831

■ 42.2694, 43.8896,
49.3185

■ 20.5407, 33.5532,
9.2126

■ 47.2093, 46.2159,
59.4983

■ 19.0456, 32.8243,
7.2513

■ 52.6564, 48.7766,
70.9319

■ 17.8829, 32.2511,
6.0116

■ 58.6250, 51.5780,
83.6602

■ 17.0148, 31.8173,
5.3537

■ 65.1288, 54.6263,
97.7219

■ 16.8554, 31.7375,
5.2376

■ 70.0498, 57.0751,
101.9323

■ 74.5046, 59.3716,
102.1408

Harmonies

Analogous

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



34.0807, 38.2457, 21.3020



30.3406, 38.2457, 25.8617



28.3063, 38.2457, 35.2471

Triad

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



30.3406, 38.2457, 25.8617



34.0435, 38.2457, 71.9597



45.8046, 38.2457, 35.3466

Complementary

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



30.3406, 38.2457, 25.8617



30.3278, 25.9958, 44.4956

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.



45.7924, 38.2457, 48.7694



30.3406, 38.2457, 25.8617



38.7208, 38.2457, 72.0026

Square

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



30.3406, 38.2457, 25.8617



30.3154, 38.2457, 62.7038



43.1078, 38.2457, 62.8108



43.1397, 38.2457, 25.9210

Rectangle

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



30.3406, 38.2457, 25.8617



28.0695, 38.2457, 43.8805



43.1078, 38.2457, 62.8108



46.1204, 38.2457, 39.4830

Sweetspot

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



30.3416, 38.2473, 25.8625



68.3661, 75.6836, 72.7252



34.5342, 36.3588, 25.2770



14.5741, 16.2875, 15.2801



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.3416, 38.2473, 25.8625



51.7404, 67.8014, 40.8293



28.7799, 37.3648, 29.2878



8.6095, 9.6037, 9.0525



12.4175, 23.3115, 3.8451



0.4496, 0.7638, 0.1237

Inverse Universe

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



30.3278, 25.9958, 44.4956



51.7039, 42.1090, 79.8981



32.3966, 27.1704, 39.7113



8.6088, 8.5223, 10.6976



12.0923, 5.5696, 30.5747



0.4344, 0.2030, 0.9645

Previews

White Background



This preview shows how the XYZ color 30.3406, 38.2457, 25.8617 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 30.3406, 38.2457, 25.8617 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 30.3406, 38.2457, 25.8617

Background



This preview shows how black text looks on a background with the XYZ color 30.3406, 38.2457, 25.8617.



This preview shows how white text looks on a background with the XYZ color 30.3406, 38.2457,

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

30.3406, 38.2457, 25.8617

Protanopia

35.5092, 38.1426, 23.9031

Deuteranopia

38.7430, 37.9043, 26.7470



Tritanopia

35.2091, 38.2374, 49.7808

Trichromacy



Original Color

30.3406, 38.2457, 25.8617

Protanomaly

33.5299, 38.2040, 24.6757

Deuteranomaly

35.1636, 37.6359, 26.5302

Tritanomaly

33.3067, 38.3167, 39.8228

Monochromacy



Original Color

30.3406, 38.2457, 25.8617

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.1184, 36.1829, 33.3081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3406, 38.2457, 25.8617 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(141, 176, 127)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 127)  
}
```

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(141, 176, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.3406, 38.2457, 25.8617 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(141, 176, 127) }
```


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

```
.border{ border-color:rgb(141, 176, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 176, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 176, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 176, 127);  
box-shadow:4px 4px 4px 4px rgb(141, 176,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3406, 38.2457, 25.8617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 127) }
```

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

```
.background{ background-color: rgb(141,  
176, 127) }
```

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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