

Converting Colors

$Y_{xy}(25.1252, 0.3411, 0.4351)$

Have a look what the booklet for
Yxy(25.1252, 0.3411, 0.4351)
contains.

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Color

Yxy(25.2390, 0.3414, 0.4364)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 789257 |
| RGB | 120, 146, 87 |
| RGB Percent | 47%, 57%, 34% |
| CMY | 0.5294, 0.4274, 0.6588 |
| CMYK | 0.18, 0.00, 0.40, 0.43 |
| HSL | 86°, 25%, 46% |
| HSV | 86°, 40%, 57% |
| XYZ | 19.7447, 25.2390, 12.8508 |
| YIQ | 131.5000, 3.4430, -23.8610 |

Conversions

Conversions Part 2

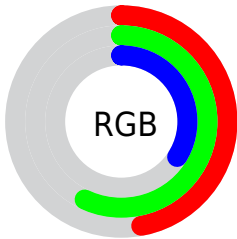
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 87, 146, 113 |
| Decimal | 7901783 |
| CIE _{Lab} | 57.31, -19.86, 28.29 |
| CIE _{LCh} | 57, 34.562, 125.066 |
| Yxy | 25.2390, 0.3414, 0.4364 |
| Android (android.graphics.Color) | 4286091863 (0xFF789257) |
| YUV | 131.5000, -21.9385, -10.0855 |
| Hunter-Lab | 50.2384, -17.7632, 20.0007 |

Details

The Yxy color $25.2390, 0.3414, 0.4364$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $12.4069, 0.2723, 0.2192$, and the grayscale version is $22.9651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0278, 0.3362, 0.4118$, and $9.6397, 0.3476, 0.4786$ is the 20% darker color. If you saturate the color by 10%, you get $24.5801, 0.3467, 0.4646$, and if you desaturate by 10%, it is $25.9793, 0.3350, 0.4080$.

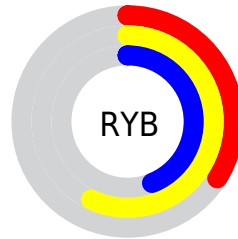
Distribution



Red (47%)

Green (57%)

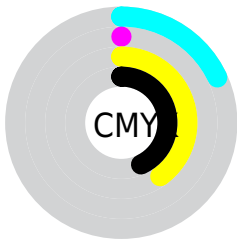
Blue (34%)



Red (34%)

Yellow (57%)

Blue (44%)

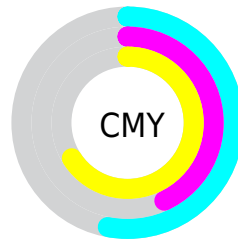


Cyan (18%)

Magenta (0%)

Yellow (40%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2390, 0.3414, 0.4364 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 Yxy color 25.2390, 0.3414, 0.4364 by changing the saturation by 10% instead.


 25.2390, 0.3414,
0.4364


 25.2390, 0.3414,
0.4364


279.0261, 0.3273,
0.3753


 16.2552, 0.3443,
0.4545


 52.0447, 0.3366,
0.4122


 9.7049, 0.3474,
0.4794


 70.6354, 0.3346,
0.4037


 5.2038, 0.3498,
0.5157

 93.1971, 0.3330,
0.3968

 2.3673, 0.3677,
0.6046

 120.1144, 0.3315,
0.3910

 0.8090, 0.2600,
0.7400

 151.7715, 0.3303,
0.3862

 0.0000, 0.0000,
0.0000

188.5529, 0.3292,

0.3820

230.8430, 0.3282,
0.3784

■ 25.2390, 0.3414,
0.4364

■ 25.2390, 0.3414,
0.4364

■ 24.5801, 0.3467,
0.4646

■ 25.9793, 0.3350,
0.4080

■ 23.9958, 0.3506,
0.4915

■ 26.8011, 0.3279,
0.3805

■ 23.4833, 0.3526,
0.5158


■ 27.7083, 0.3205,
0.3543


■ 23.0384, 0.3523,
0.5362


■ 28.7041, 0.3130,
0.3299

■ 22.6560, 0.3499,
0.5519


■ 29.7910, 0.3057,
0.3076

 22.3361, 0.3462,
0.5633

 30.9716, 0.2987,
0.2873

 32.2485, 0.2920,
0.2689

 33.6240, 0.2858,
0.2525

 35.1005, 0.2800,
0.2377

Harmonies

Analogous

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



25.2390, 0.3941, 0.4269



25.2390, 0.3414, 0.4364



25.2390, 0.2837, 0.4084

Triad

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



25.2390, 0.3414, 0.4364



25.2390, 0.2093, 0.2537



25.2390, 0.3918, 0.3023

Complementary

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



25.2390, 0.3414, 0.4364



12.4069, 0.2723, 0.2192

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.



25.2390, 0.3346, 0.2651



25.2390, 0.3414, 0.4364



25.2390, 0.2318, 0.2369

Square

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



25.2390, 0.3414, 0.4364



25.2390, 0.2107, 0.2938



25.2390, 0.2758, 0.2417



25.2390, 0.4266, 0.3471

Rectangle

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



25.2390, 0.3414, 0.4364



25.2390, 0.2503, 0.3723



25.2390, 0.2758, 0.2417



25.2390, 0.3742, 0.2887

Sweetspot

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



25.2401, 0.3414, 0.4364



48.5713, 0.3218, 0.3590



18.5160, 0.3924, 0.3739



10.7644, 0.3227, 0.3619



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.2401, 0.3414, 0.4364



43.5175, 0.3461, 0.4606



23.4690, 0.3108, 0.4473



6.6187, 0.3196, 0.3513



19.6680, 0.3465, 0.5631



0.2582, 0.3789, 0.5373

Inverse Universe

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



12.4069, 0.2723, 0.2192



17.8284, 0.2611, 0.1938



14.6516, 0.3118, 0.2311



5.7506, 0.3054, 0.3066



2.8095, 0.1937, 0.0841



0.0514, 0.2436, 0.1116

Previews

White Background



This preview shows how the Yxy color 25.2390, 0.3414, 0.4364 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 25.2390, 0.3414, 0.4364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

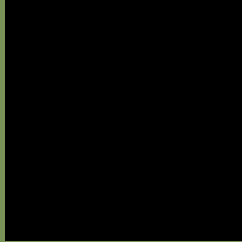
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.2390, 0.3414, 0.4364

Background



This preview shows how black text looks on a background with the Yxy color 25.2390, 0.3414, 0.4364.



This preview shows how white text looks on a background with the Yxy color 25.2390, 0.3414, 0.4364.

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

25.2390, 0.3414, 0.4364

Protanopia

25.0154, 0.3845, 0.4160

Deuteranopia

24.9701, 0.4006, 0.3926



Tritanopia

25.3344, 0.2915, 0.3104

Trichromacy



Original Color

25.2390, 0.3414, 0.4364

Protanomaly

24.9010, 0.3683, 0.4233

Deuteranomaly

24.7191, 0.3787, 0.4070

Tritanomaly

25.3139, 0.3104, 0.3554

Monochromacy



Original Color

25.2390, 0.3414, 0.4364

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7415, 0.3244, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2390, 0.3414, 0.4364 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(120, 146, 87)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 87)  
}
```

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(120, 146, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 87) }
```

Border

The CSS property to change the border of an element to Yxy 25.2390, 0.3414, 0.4364 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(120, 146, 87) }
```

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

```
.border{ border-color:rgb(120, 146, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 146, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 146, 87);  
box-shadow:4px 4px 4px 4px rgb(120, 146,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2390, 0.3414, 0.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 87) }
```

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

```
.background{ background-color: rgb(120,  
146, 87) }
```

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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