

Converting Colors

$Y_{xy}(25.5444, 0.3116, 0.4546)$

Have a look what the booklet for
Yxy(25.5444, 0.3116, 0.4546)
contains.

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Color

$\text{Yxy}(25.4882, 0.3113, 0.4534)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9858
RGB	93, 152, 88
RGB Percent	36%, 60%, 35%
CMY	0.6355, 0.4039, 0.6549
CMYK	0.39, 0.00, 0.42, 0.40
HSL	115°, 27%, 47%
HSV	115°, 42%, 60%
XYZ	17.4999, 25.4882, 13.2276
YIQ	127.0630, -14.6200, -32.4120

Conversions

Conversions Part 2

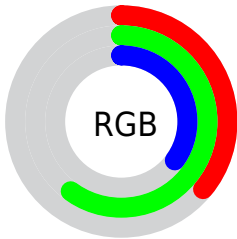
Format	Color
R_{YB}	88, 152, 147
Decimal	6133848
CIE _{Lab}	57.55, -32.57, 27.75
CIE _{LCh}	58, 42.790, 139.565
Yxy	25.4882, 0.3113, 0.4534
Android (android.graphics.Color)	4284323928 (0xFF5D9858)
YUV	127.0630, -19.2581, -29.8733
Hunter-Lab	50.4858, -26.4766, 19.8058

Details

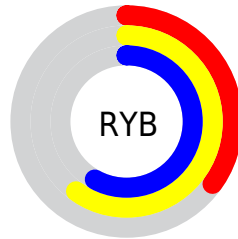
The Yxy color **25.4882, 0.3113, 0.4534** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.4530, 0.3107, 0.2265**, and the grayscale version is **21.3140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6007, 0.3132, 0.4243**, and **9.7459, 0.3044, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **24.5977, 0.3102, 0.4877**, and if you desaturate by 10%, it is **26.5676, 0.3121, 0.4198**.

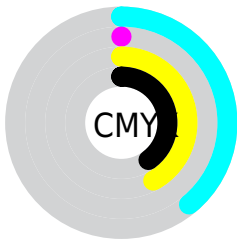
Distribution



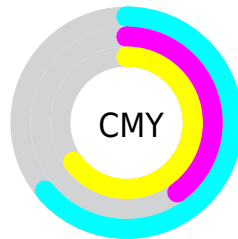
- Red (36%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4882, 0.3113, 0.4534 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 25.4882, 0.3113, 0.4534 by changing the saturation by 10% instead.


 25.4882, 0.3113,
0.4534


 25.4882, 0.3113,
0.4534


280.2606, 0.3145,
0.3813


 16.4412, 0.3091,
0.4754


 52.4481, 0.3133,
0.4244


 9.8369, 0.3050,
0.5064


 71.1298, 0.3138,
0.4144

 5.2909, 0.2966,
0.5527

 93.7918, 0.3141,
0.4063

 2.4190, 0.2919,
0.6604

 120.8185, 0.3143,
0.3996

 0.8356, 0.0000,
1.0000

 152.5944, 0.3144,
0.3939

 0.0000, 0.0000,
0.0000

189.5037, 0.3144,

0.3891

231.9310, 0.3145,
0.3849

■ 25.4882, 0.3113,
0.4534

■ 25.4882, 0.3113,
0.4534

■ 24.5977, 0.3102,
0.4877

■ 26.5676, 0.3121,
0.4198

■ 23.8821, 0.3088,
0.5209

■ 27.8424, 0.3125,
0.3883

■ 23.3309, 0.3070,
0.5504

■ 29.3228, 0.3127,
0.3596

■ 22.9309, 0.3051,
0.5740


■ 31.0173, 0.3127,
0.3340

■ 22.6669, 0.3031,
0.5900

■ 32.9341, 0.3126,
0.3115

 22.5367, 0.3021,
0.5983

 35.0806, 0.3124,
0.2919

 37.4643, 0.3121,
0.2750

 40.0920, 0.3118,
0.2603

 42.9704, 0.3114,
0.2476

Harmonies

Analogous

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



25.4882, 0.3808, 0.4602



25.4882, 0.3113, 0.4534



25.4882, 0.2459, 0.3966

Triad

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



25.4882, 0.3113, 0.4534



25.4882, 0.1981, 0.2245



25.4882, 0.4361, 0.3204

Complementary

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



25.4882, 0.3113, 0.4534



15.4530, 0.3107, 0.2265

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.



25.4882, 0.3752, 0.2716



25.4882, 0.3113, 0.4534



25.4882, 0.2371, 0.2184

Square

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



25.4882, 0.3113, 0.4534



25.4882, 0.1859, 0.2575



25.4882, 0.3002, 0.2355



25.4882, 0.4580, 0.3746

Rectangle

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



25.4882, 0.3113, 0.4534



25.4882, 0.2134, 0.3446



25.4882, 0.3002, 0.2355



25.4882, 0.4192, 0.3032

Sweetspot

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



25.4893, 0.3113, 0.4534



51.4333, 0.3127, 0.3627



28.1478, 0.3769, 0.4227



11.5627, 0.3127, 0.3684



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.4893, 0.3113, 0.4534



43.4278, 0.3102, 0.4873



25.7645, 0.2854, 0.4012



6.9473, 0.3127, 0.3519



18.8996, 0.3023, 0.5982



0.2879, 0.3135, 0.5893

Inverse Universe

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



15.4530, 0.3107, 0.2265



23.1722, 0.3097, 0.2045



15.1437, 0.3557, 0.2672



6.2993, 0.3126, 0.3070



6.5978, 0.3020, 0.1437



0.1049, 0.3110, 0.1487

Previews

White Background



This preview shows how the Yxy color 25.4882, 0.3113, 0.4534 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 25.4882, 0.3113, 0.4534 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 25.4882, 0.3113, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 25.4882, 0.3113, 0.4534.



This preview shows how white text looks on a background with the Yxy color 25.4882, 0.3113, 0.4534.

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

25.4882, 0.3113, 0.4534

Protanopia

25.2855, 0.3849, 0.4190

Deuteranopia

25.2922, 0.3966, 0.3896



Tritanopia

25.4110, 0.2656, 0.3079

Trichromacy



Original Color

25.4882, 0.3113, 0.4534

Protanomaly

24.9679, 0.3548, 0.4319

Deuteranomaly

24.7095, 0.3628, 0.4118

Tritanomaly

25.2728, 0.2823, 0.3586

Monochromacy



Original Color

25.4882, 0.3113, 0.4534

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.4454, 0.3129, 0.3725

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4882, 0.3113, 0.4534 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(93, 152, 88)` looks like.

```
.text, #text, p{  
    color:rgb(93, 152, 88)  
}
```

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(93, 152, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 152, 88) }
```

Border

The CSS property to change the border of an element to Yxy 25.4882, 0.3113, 0.4534 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(93, 152, 88) }
```

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

```
.border{ border-color:rgb(93, 152, 88) }
```

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

Here you see how a box with a 4 pixel rgb(93, 152, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 152, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 152, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 152,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4882, 0.3113, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 152, 88) }
```

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

```
.background{ background-color: rgb(93, 152,  
88) }
```

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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