

Converting Colors

$Y_{xy}(25.8459, 0.3132, 0.4174)$

Have a look what the booklet for
Yxy(25.8459, 0.3132, 0.4174)
contains.

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Color

Yxy(25.9178, 0.3125, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	6B9667
RGB	107, 150, 103
RGB Percent	42%, 59%, 40%
CMY	0.5802, 0.4118, 0.5961
CMYK	0.29, 0.00, 0.31, 0.41
HSL	115°, 19%, 50%
HSV	115°, 31%, 59%
XYZ	19.4228, 25.9178, 16.8124
YIQ	131.7850, -10.5410, -23.7330

Conversions

Conversions Part 2

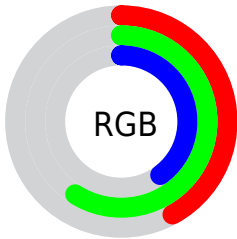
Format	Color
R_{YB}	103, 150, 146
Decimal	7050855
CIE _{Lab}	57.96, -24.28, 20.22
CIE _{LCh}	58, 31.598, 140.217
Y _{xy}	25.9178, 0.3125, 0.4170
Android (android.graphics.Color)	4285240935 (0xFF6B9667)
YUV	131.7850, -14.1910, -21.7364
Hunter-Lab	50.9095, -20.9910, 16.0567

Details

The Yxy color **25.9178, 0.3125, 0.4170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.0099, 0.3111, 0.2524**, and the grayscale version is **23.0522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9924, 0.3140, 0.3969**, and **10.0991, 0.3107, 0.4550** is the 20% darker color. If you saturate the color by 10%, you get **24.8603, 0.3119, 0.4504**, and if you desaturate by 10%, it is **27.1662, 0.3128, 0.3858**.

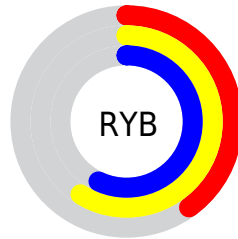
Distribution



Red (42%)

Green (59%)

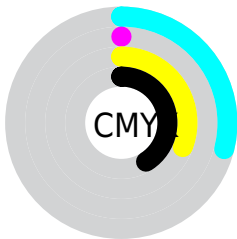
Blue (40%)



Red (40%)

Yellow (59%)

Blue (57%)

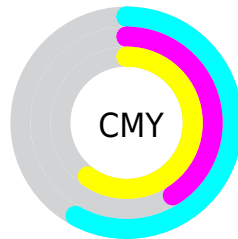


Cyan (29%)

Magenta (0%)

Yellow (31%)

Black (41%)



Cyan (58%)


Magenta (41%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9178, 0.3125, 0.4170 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 25.9178, 0.3125, 0.4170 by changing the saturation by 10% instead.


 25.9178, 0.3125,
0.4170


 25.9178, 0.3125,
0.4170

282.3783, 0.3138,
0.3667


 16.7622, 0.3115,
0.4322


 53.1423, 0.3134,
0.3969


 10.0651, 0.3097,
0.4536


 71.9800, 0.3136,
0.3899

 5.4421, 0.3059,
0.4856

 94.8137, 0.3137,
0.3843

 2.5089, 0.2980,
0.5402

 122.0280, 0.3138,
0.3795

 0.8811, 0.2173,
0.7827

154.0073, 0.3138,
0.3756

 0.0000, 0.0000,
0.0000

191.1358, 0.3138,

0.3722

233.7980, 0.3138,
0.3692

■ 25.9178, 0.3125,
0.4170

■ 25.9178, 0.3125,
0.4170

■ 24.8603, 0.3119,
0.4504

■ 27.1662, 0.3128,
0.3858

■ 23.9813, 0.3109,
0.4846

■ 28.6109, 0.3129,
0.3574

■ 23.2718, 0.3095,
0.5178

■ 30.2610, 0.3127,
0.3321


■ 22.7209, 0.3078,
0.5476


■ 32.1242, 0.3125,
0.3099

■ 22.3162, 0.3058,
0.5718


■ 34.2075, 0.3121,
0.2905


 22.0437, 0.3037,
0.5885

 36.5180, 0.3117,
0.2737

 21.8953, 0.3024,
0.5981

 39.0622, 0.3113,
0.2592

 41.8463, 0.3109,
0.2466

 44.8766, 0.3104,
0.2357

Harmonies

Analogous

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



25.9178, 0.3646, 0.4258



25.9178, 0.3125, 0.4170



25.9178, 0.2630, 0.3766

Triad

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



25.9178, 0.3125, 0.4170



25.9178, 0.2258, 0.2500



25.9178, 0.4038, 0.3254

Complementary

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



25.9178, 0.3125, 0.4170



18.0099, 0.3111, 0.2524

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.



25.9178, 0.3603, 0.2866



25.9178, 0.3125, 0.4170



25.9178, 0.2571, 0.2445

Square

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



25.9178, 0.3125, 0.4170



25.9178, 0.2158, 0.2764



25.9178, 0.3055, 0.2579



25.9178, 0.4201, 0.3675

Rectangle

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



25.9178, 0.3125, 0.4170



25.9178, 0.2378, 0.3404



25.9178, 0.3055, 0.2579



25.9178, 0.3917, 0.3117

Sweetspot

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



25.9189, 0.3125, 0.4170



51.0918, 0.3129, 0.3517



27.8036, 0.3606, 0.3979



11.2406, 0.3129, 0.3552



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.9189, 0.3125, 0.4170



44.3279, 0.3121, 0.4416



26.0946, 0.2923, 0.3814



6.4909, 0.3129, 0.3518



18.1681, 0.3026, 0.5979



0.2271, 0.3151, 0.5880

Inverse Universe

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



18.0099, 0.3111, 0.2524



27.9794, 0.3103, 0.2343



17.8294, 0.3407, 0.2820



5.8841, 0.3124, 0.3071



6.2501, 0.2999, 0.1426



0.0825, 0.3110, 0.1487

Previews

White Background



This preview shows how the Yxy color 25.9178, 0.3125, 0.4170 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 25.9178, 0.3125, 0.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

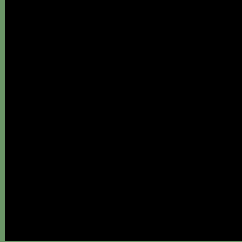
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9178, 0.3125, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 25.9178, 0.3125, 0.4170.



This preview shows how white text looks on a background with the Yxy color 25.9178, 0.3125, 0.4170.

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

25.9178, 0.3125, 0.4170

Protanopia

25.8311, 0.3688, 0.3967

Deuteranopia

25.6231, 0.3776, 0.3700



Tritanopia

25.7245, 0.2750, 0.3083

Trichromacy



Original Color

25.9178, 0.3125, 0.4170

Protanomaly

25.6334, 0.3461, 0.4041

Deuteranomaly

25.3455, 0.3519, 0.3851

Tritanomaly

25.8461, 0.2889, 0.3468

Monochromacy



Original Color

25.9178, 0.3125, 0.4170

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0567, 0.3134, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9178, 0.3125, 0.4170 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(107, 150, 103)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 103)  
}
```

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(107, 150, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.9178, 0.3125, 0.4170 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(107, 150, 103) }
```

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

```
.border{ border-color:rgb(107, 150, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 103);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9178, 0.3125, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 103) }
```

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

```
.background{ background-color: rgb(107,  
150, 103) }
```

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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