

Converting Colors

$Y_{xy}(25.5425, 0.2952, 0.3482)$

Have a look what the booklet for
Yxy(25.5425, 0.2952, 0.3482)
contains.

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Color

$Y_{xy}(25.4219, 0.2954, 0.3486)$

Conversions

Conversions Part 1

Format	Color
Hex	759085
RGB	117, 144, 133
RGB Percent	46%, 56%, 52%
CMY	0.5412, 0.4353, 0.4784
CMYK	0.19, 0.00, 0.08, 0.44
HSL	156°, 11%, 51%
HSV	156°, 19%, 56%
XYZ	21.5423, 25.4219, 25.9616
YIQ	134.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

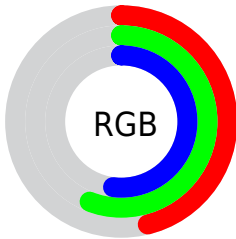
Format	Color
RYB	117, 134, 144
Decimal	7704709
CIELab	57.48, -11.89, 2.68
CIElCh	57, 12.189, 167.307
Yxy	25.4219, 0.2954, 0.3486
Android (android.graphics.Color)	4285894789 (0xFF759085)
YUV	134.6730, -0.8248, -15.4992
Hunter-Lab	50.4201, -11.9702, 4.7654

Details

The Yxy color $25.4219, 0.2954, 0.3486$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.2094, 0.3340, 0.3102$, and the grayscale version is $24.1078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3684, 0.2989, 0.3446$, and $9.8744, 0.2880, 0.3560$ is the 20% darker color. If you saturate the color by 10%, you get $24.3434, 0.2868, 0.3606$, and if you desaturate by 10%, it is $26.6651, 0.3045, 0.3377$.

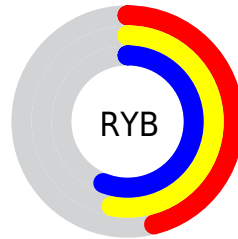
Distribution



Red (46%)

Green (56%)

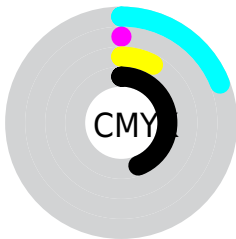
Blue (52%)



Red (46%)

Yellow (53%)

Blue (56%)

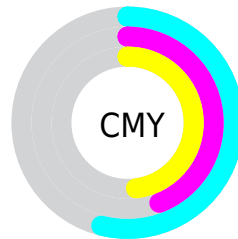


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (44%)



Cyan (54%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4219, 0.2954, 0.3486 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 25.4219, 0.2954, 0.3486 by changing the saturation by 10% instead.

■ 25.4219, 0.2954,
0.3486

■ 25.4219, 0.2954,
0.3486

279.9326, 0.3050,
0.3377

■ 16.3917, 0.2926,
0.3518

■ 52.3408, 0.2991,
0.3443

■ 9.8017, 0.2888,
0.3562

■ 70.9983, 0.3005,
0.3428

■ 5.2677, 0.2832,
0.3627

■ 93.6337, 0.3016,
0.3416

■ 2.4052, 0.2742,
0.3733

120.6314, 0.3025,
0.3405

■ 0.8285, 0.2437,
0.4060

152.3757, 0.3032,
0.3397

■ 0.0000, 0.0000,
0.0000

189.2511, 0.3039,

0.3389

231.6419, 0.3045,
0.3383

■ 25.4219, 0.2954,
0.3486

■ 25.4219, 0.2954,
0.3486

■ 24.3434, 0.2868,
0.3606

■ 26.6651, 0.3045,
0.3377

■ 23.4192, 0.2790,
0.3736

■ 28.0764, 0.3139,
0.3278

■ 22.6427, 0.2722,
0.3876

■ 29.6632, 0.3233,
0.3190

■ 22.0055, 0.2668,
0.4023

■ 31.4315, 0.3327,
0.3112

■ 21.4984, 0.2630,
0.4176

■ 33.3869, 0.3419,
0.3043

■ 21.1111, 0.2610,
0.4331

■ 35.5350, 0.3508,
0.2983

■ 20.8314, 0.2610,
0.4485

■ 37.8809, 0.3594,
0.2930

■ 20.6325, 0.2625,
0.4637

■ 40.4296, 0.3677,
0.2883

■ 20.6092, 0.2627,
0.4656

■ 43.1860, 0.3755,
0.2843

Harmonies

Analogous

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



25.4219, 0.3158, 0.3621



25.4219, 0.2954, 0.3486



25.4219, 0.2799, 0.3295

Triad

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



25.4219, 0.2954, 0.3486



25.4219, 0.2892, 0.2941



25.4219, 0.3540, 0.3448

Complementary

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



25.4219, 0.2954, 0.3486



20.2094, 0.3340, 0.3102

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.



25.4219, 0.3464, 0.3271



25.4219, 0.2954, 0.3486



25.4219, 0.3085, 0.2985

Square

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



25.4219, 0.2954, 0.3486



25.4219, 0.2764, 0.2984



25.4219, 0.3296, 0.3105



25.4219, 0.3500, 0.3591

Rectangle

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



25.4219, 0.2954, 0.3486



25.4219, 0.2743, 0.3168



25.4219, 0.3296, 0.3105



25.4219, 0.3527, 0.3390

Sweetspot

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



25.4230, 0.2954, 0.3486



47.6537, 0.3070, 0.3350



25.8407, 0.3224, 0.3766



10.8969, 0.3064, 0.3356



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.



25.4230, 0.2954, 0.3486



43.9043, 0.2913, 0.3541



25.0681, 0.2853, 0.3250



6.0796, 0.3041, 0.3381



17.9503, 0.2624, 0.4648



0.1760, 0.2439, 0.3979

Inverse Universe

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



20.2094, 0.3340, 0.3102



32.7691, 0.3407, 0.3052



20.4659, 0.3472, 0.3330



5.4582, 0.3222, 0.3201



5.4398, 0.5286, 0.2686



0.0562, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 25.4219, 0.2954, 0.3486 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 25.4219, 0.2954, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

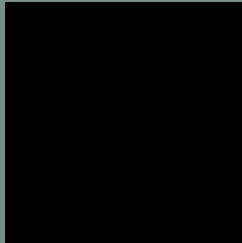
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

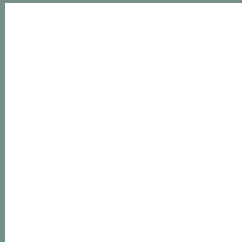
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4219, 0.2954, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 25.4219, 0.2954, 0.3486.



This preview shows how white text looks on a background with the Yxy color 25.4219, 0.2954, 0.3486.

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

25.4219, 0.2954, 0.3486

Protanopia

25.2271, 0.3267, 0.3425

Deuteranopia

25.1997, 0.3324, 0.3258



Tritanopia

25.3817, 0.2820, 0.3101

Trichromacy



Original Color

25.4219, 0.2954, 0.3486

Protanomaly

25.3544, 0.3152, 0.3462

Deuteranomaly

25.1015, 0.3180, 0.3341

Tritanomaly

25.3834, 0.2873, 0.3237

Monochromacy



Original Color

25.4219, 0.2954, 0.3486

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.4874, 0.3059, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4219, 0.2954, 0.3486 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(117, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(117, 144, 133)  
}
```

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(117, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 144, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.4219, 0.2954, 0.3486 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(117, 144, 133) }
```

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

```
.border{ border-color:rgb(117, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(117, 144,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4219, 0.2954, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 144, 133) }
```

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

```
.background{ background-color: rgb(117,  
144, 133) }
```

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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