

Converting Colors

$Y_{xy}(25.5432, 0.3051, 0.3462)$

Have a look what the booklet for
Yxy(25.5432, 0.3051, 0.3462)
contains.

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Color

Yxy(25.4476, 0.3055, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	7E8E84
RGB	126, 142, 132
RGB Percent	49%, 56%, 52%
CMY	0.5061, 0.4431, 0.4824
CMYK	0.11, 0.00, 0.07, 0.44
HSL	143°, 7%, 53%
HSV	143°, 11%, 56%
XYZ	22.4365, 25.4476, 25.5578
YIQ	136.0760, -6.3260, -6.5020

Conversions

Conversions Part 2

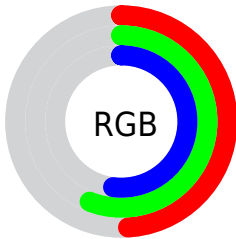
Format	Color
R_{YB}	126, 138, 142
Decimal	8294020
CIE _{Lab}	57.51, -7.84, 3.37
CIE _{LCh}	58, 8.530, 156.748
Yxy	25.4476, 0.3055, 0.3465
Android (android.graphics.Color)	4286484100 (0xFF7E8E84)
YUV	136.0760, -2.0095, -8.8367
Hunter-Lab	50.4456, -8.8891, 5.2732

Details

The Yxy color $25.4476, 0.3055, 0.3465$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.4384, 0.3207, 0.3121$, and the grayscale version is $24.6575, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5663, 0.3073, 0.3431$, and $9.8566, 0.3023, 0.3527$ is the 20% darker color. If you saturate the color by 10%, you get $24.2128, 0.2993, 0.3639$, and if you desaturate by 10%, it is $26.8584, 0.3119, 0.3309$.

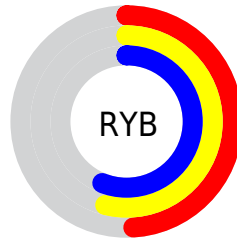
Distribution



Red (49%)

Green (56%)

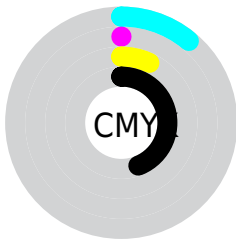
Blue (52%)



Red (49%)

Yellow (54%)

Blue (56%)

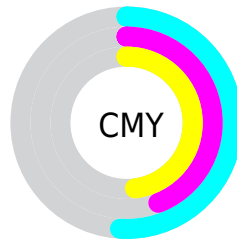


Cyan (11%)

Magenta (0%)

Yellow (7%)

Black (44%)



Cyan (51%)


Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4476, 0.3055, 0.3465 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 25.4476, 0.3055, 0.3465 by changing the saturation by 10% instead.


 25.4476, 0.3055,
0.3465


 25.4476, 0.3055,
0.3465


280.0597, 0.3095,
0.3368


 16.4108, 0.3043,
0.3493


 52.3824, 0.3071,
0.3427

 9.8153, 0.3027,
0.3533


 71.0493, 0.3076,
0.3413

 5.2767, 0.3003,
0.3591

 93.6950, 0.3081,
0.3402

 2.4105, 0.2963,
0.3686

120.7039, 0.3085,
0.3393

 0.8313, 0.2852,
0.3959

152.4605, 0.3088,
0.3385

 0.0000, 0.0000,
0.0000

189.3490, 0.3091,

0.3379

231.7540, 0.3093,
0.3373

■ 25.4476, 0.3055,
0.3465

■ 25.4476, 0.3055,
0.3465

■ 24.2128, 0.2993,
0.3639

■ 26.8584, 0.3119,
0.3309

■ 23.1438, 0.2933,
0.3832

■ 28.4485, 0.3182,
0.3171

■ 22.2344, 0.2880,
0.4041

■ 30.2252, 0.3244,
0.3049

■ 21.4764, 0.2836,
0.4265

■ 32.1944, 0.3304,
0.2942

■ 20.8613, 0.2803,
0.4499

■ 34.3616, 0.3362,
0.2848

■ 20.3794, 0.2785,
0.4735

■ 36.7324, 0.3416,
0.2767

■ 20.0198, 0.2784,
0.4967

■ 39.3118, 0.3468,
0.2695

■ 19.7699, 0.2800,
0.5184

■ 42.1050, 0.3516,
0.2633

■ 19.6120, 0.2822,
0.5358

■ 45.1167, 0.3562,
0.2579

Harmonies

Analogous

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



25.4476, 0.3202, 0.3537



25.4476, 0.3055, 0.3465



25.4476, 0.2930, 0.3343

Triad

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



25.4476, 0.3055, 0.3465



25.4476, 0.2924, 0.3047



25.4476, 0.3405, 0.3360

Complementary

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



25.4476, 0.3055, 0.3465



22.4384, 0.3207, 0.3121

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.



25.4476, 0.3327, 0.3234



25.4476, 0.3055, 0.3465



25.4476, 0.3048, 0.3056

Square

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



25.4476, 0.3055, 0.3465



25.4476, 0.2855, 0.3102



25.4476, 0.3195, 0.3124



25.4476, 0.3406, 0.3472

Rectangle

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



25.4476, 0.3055, 0.3465



25.4476, 0.2874, 0.3253



25.4476, 0.3195, 0.3124



25.4476, 0.3387, 0.3318

Sweetspot

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



25.4487, 0.3055, 0.3465



46.8929, 0.3108, 0.3335



26.1008, 0.3224, 0.3564



10.4305, 0.3103, 0.3346



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.4487, 0.3055, 0.3465



44.1847, 0.3036, 0.3515



25.6726, 0.2980, 0.3327



6.0609, 0.3069, 0.3430



17.6076, 0.2819, 0.5350



0.1724, 0.2587, 0.4513

Inverse Universe

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



22.4384, 0.3207, 0.3121



37.6124, 0.3231, 0.3075



22.2226, 0.3297, 0.3254



5.4771, 0.3191, 0.3154



5.8080, 0.4406, 0.2201



0.0598, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 25.4476, 0.3055, 0.3465 looks on a white background.

Color Contrast Check

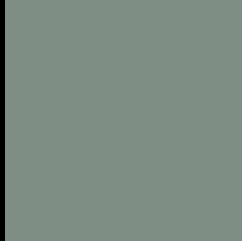
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4476, 0.3055, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

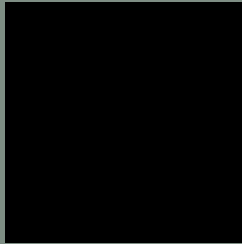
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

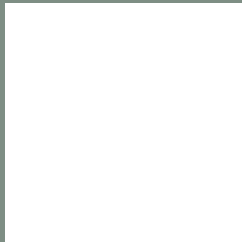
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4476, 0.3055, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 25.4476, 0.3055, 0.3465.



This preview shows how white text looks on a background with the Yxy color 25.4476, 0.3055, 0.3465.

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

25.4476, 0.3055, 0.3465

Protanopia

25.2271, 0.3267, 0.3425

Deuteranopia

25.2686, 0.3347, 0.3275



Tritanopia

25.3344, 0.2915, 0.3104

Trichromacy



Original Color

25.4476, 0.3055, 0.3465

Protanomaly

25.3112, 0.3186, 0.3444

Deuteranomaly

25.1414, 0.3237, 0.3340

Tritanomaly

25.3285, 0.2971, 0.3238

Monochromacy



Original Color

25.4476, 0.3055, 0.3465

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.8318, 0.3092, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4476, 0.3055, 0.3465 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(126, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(126, 142, 132)  
}
```

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(126, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 142, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.4476, 0.3055, 0.3465 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(126, 142, 132) }
```

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

```
.border{ border-color:rgb(126, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(126, 142,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4476, 0.3055, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 142, 132) }
```

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

```
.background{ background-color: rgb(126,  
142, 132) }
```

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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