

Converting Colors

$Y_{xy}(25.1250, 0.3087, 0.4162)$

Have a look what the booklet for
Yxy(25.1250, 0.3087, 0.4162)
contains.

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Color

$\text{Yxy}(25.0426, 0.3087, 0.4149)$

Conversions

Conversions Part 1

Format	Color
Hex	679467
RGB	103, 148, 103
RGB Percent	40%, 58%, 40%
CMY	0.5960, 0.4196, 0.5961
CMYK	0.30, 0.00, 0.30, 0.42
HSL	120°, 18%, 49%
HSV	120°, 30%, 58%
XYZ	18.6326, 25.0426, 16.6830
YIQ	129.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

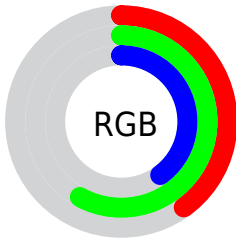
Format	Color
R_{YB}	103, 148, 148
Decimal	6788199
CIE _{Lab}	57.12, -24.70, 19.04
CIE _{LCh}	57, 31.190, 142.372
Yxy	25.0426, 0.3087, 0.4149
Android (android.graphics.Color)	4284978279 (0xFF679467)
YUV	129.4150, -13.0226, -23.1660
Hunter-Lab	50.0426, -21.1129, 15.2639

Details

The Yxy color $25.0426, 0.3087, 0.4149$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.1331, 0.3161, 0.2558$, and the grayscale version is $22.1574, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5427, 0.3104, 0.3953$, and $9.6192, 0.3044, 0.4498$ is the 20% darker color. If you saturate the color by 10%, you get $23.9733, 0.3071, 0.4488$, and if you desaturate by 10%, it is $26.3215, 0.3102, 0.3834$.

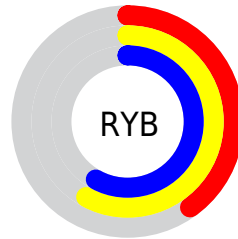
Distribution



Red (40%)

Green (58%)

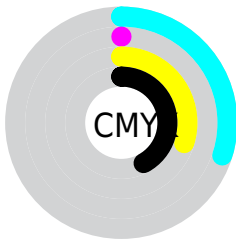
Blue (40%)



Red (40%)

Yellow (58%)

Blue (58%)

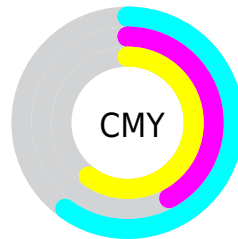


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (42%)



Cyan (60%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0426, 0.3087, 0.4149 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 25.0426, 0.3087, 0.4149 by changing the saturation by 10% instead.


 25.0426, 0.3087,
0.4149


 25.0426, 0.3087,
0.4149


278.0500, 0.3120,
0.3655


 16.1088, 0.3071,
0.4300


 51.7263, 0.3104,
0.3951


 9.6012, 0.3045,
0.4513


 70.2450, 0.3108,
0.3882

 5.1353, 0.2997,
0.4836

 92.7275, 0.3112,
0.3827

 2.3269, 0.2902,
0.5399

 119.5581, 0.3115,
0.3781

 0.7879, 0.1562,
0.8438

151.1213, 0.3117,
0.3742

 0.0000, 0.0000,
0.0000

187.8014, 0.3118,

0.3709

229.9828, 0.3119,
0.3680

■ 25.0426, 0.3087,
0.4149

■ 25.0426, 0.3087,
0.4149

■ 23.9733, 0.3071,
0.4488

■ 26.3215, 0.3102,
0.3834

■ 23.0994, 0.3055,
0.4838

■ 27.8168, 0.3115,
0.3550

■ 22.4101, 0.3039,
0.5178


■ 29.5392, 0.3127,
0.3300


■ 21.8921, 0.3024,
0.5484


■ 31.4976, 0.3137,
0.3081

■ 21.5305, 0.3013,
0.5731


■ 33.7003, 0.3146,
0.2892


 21.3076, 0.3005,
0.5898

 36.1554, 0.3153,
0.2730

 21.1804, 0.3000,
0.6000

 38.8706, 0.3160,
0.2590

 41.8531, 0.3165,
0.2470

 45.1101, 0.3170,
0.2367

Harmonies

Analogous

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



25.0426, 0.3610, 0.4262



25.0426, 0.3087, 0.4149



25.0426, 0.2600, 0.3728

Triad

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



25.0426, 0.3087, 0.4149



25.0426, 0.2275, 0.2490



25.0426, 0.4059, 0.3284

Complementary

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



25.0426, 0.3087, 0.4149



18.1331, 0.3161, 0.2558

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.



25.0426, 0.3639, 0.2892



25.0426, 0.3087, 0.4149



25.0426, 0.2601, 0.2450

Square

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



25.0426, 0.3087, 0.4149



25.0426, 0.2159, 0.2739



25.0426, 0.3094, 0.2596



25.0426, 0.4199, 0.3705

Rectangle

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



25.0426, 0.3087, 0.4149



25.0426, 0.2357, 0.3365



25.0426, 0.3094, 0.2596



25.0426, 0.3944, 0.3146

Sweetspot

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



25.0437, 0.3087, 0.4149



49.4318, 0.3117, 0.3518



28.2207, 0.3575, 0.4014



11.1968, 0.3115, 0.3553



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.



25.0437, 0.3087, 0.4149



42.9543, 0.3077, 0.4361



25.5378, 0.2896, 0.3722



6.4685, 0.3116, 0.3518



18.0913, 0.3000, 0.6000



0.2214, 0.3001, 0.6000

Inverse Universe

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



18.1331, 0.3161, 0.2558



28.8961, 0.3168, 0.2410



17.5091, 0.3448, 0.2896



5.9091, 0.3137, 0.3072



7.2003, 0.3208, 0.1541



0.0882, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 25.0426, 0.3087, 0.4149 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 25.0426, 0.3087, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

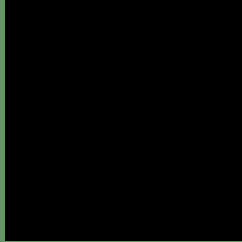
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0426, 0.3087, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 25.0426, 0.3087, 0.4149.



This preview shows how white text looks on a background with the Yxy color 25.0426, 0.3087, 0.4149.

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

25.0426, 0.3087, 0.4149

Protanopia

24.6932, 0.3667, 0.3929

Deuteranopia

24.7677, 0.3749, 0.3675



Tritanopia

25.0907, 0.2729, 0.3097

Trichromacy



Original Color

25.0426, 0.3087, 0.4149

Protanomaly

24.5016, 0.3437, 0.4002

Deuteranomaly

24.4209, 0.3479, 0.3828

Tritanomaly

24.9470, 0.2859, 0.3453

Monochromacy



Original Color

25.0426, 0.3087, 0.4149

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9575, 0.3113, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0426, 0.3087, 0.4149 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(103, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 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(103, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.0426, 0.3087, 0.4149 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(103, 148, 103) }
```

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

```
.border{ border-color:rgb(103, 148, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0426, 0.3087, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 103) }
```

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

```
.background{ background-color: rgb(103,  
148, 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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