

Converting Colors

$Y_{xy}(25.2845, 0.3105, 0.4148)$

Have a look what the booklet for
Yxy(25.2845, 0.3105, 0.4148)
contains.

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Color

Yxy(25.1623, 0.3107, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	699467
RGB	105, 148, 103
RGB Percent	41%, 58%, 40%
CMY	0.5881, 0.4196, 0.5961
CMYK	0.29, 0.00, 0.30, 0.42
HSL	117°, 18%, 49%
HSV	117°, 30%, 58%
XYZ	18.8657, 25.1623, 16.6919
YIQ	130.0130, -11.1830, -23.1110

Conversions

Conversions Part 2

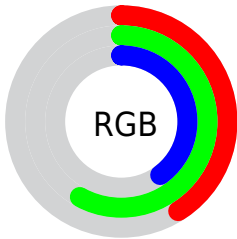
Format	Color
R_{YB}	103, 148, 146
Decimal	6919271
CIE _{Lab}	57.23, -24.00, 19.22
CIE _{LCh}	57, 30.748, 141.302
Yxy	25.1623, 0.3107, 0.4144
Android (android.graphics.Color)	4285109351 (0xFF699467)
YUV	130.0130, -13.3174, -21.9364
Hunter-Lab	50.1620, -20.6507, 15.3841

Details

The Yxy color $25.1623, 0.3107, 0.4144$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.9446, 0.3135, 0.2552$, and the grayscale version is $22.3810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7423, 0.3119, 0.3950$, and $9.6757, 0.3071, 0.4489$ is the 20% darker color. If you saturate the color by 10%, you get $24.1060, 0.3096, 0.4479$, and if you desaturate by 10%, it is $26.4155, 0.3116, 0.3832$.

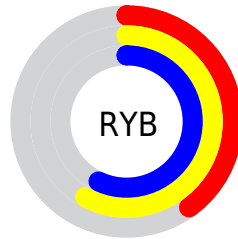
Distribution



Red (41%)

Green (58%)

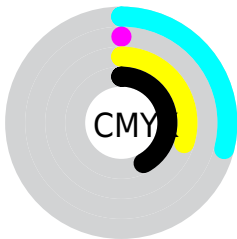
Blue (40%)



Red (40%)

Yellow (58%)

Blue (57%)

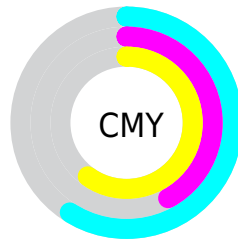


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (42%)



Cyan (59%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1623, 0.3107, 0.4144 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 25.1623, 0.3107, 0.4144 by changing the saturation by 10% instead.


 25.1623, 0.3107,
0.4144


 25.1623, 0.3107,
0.4144


278.6452, 0.3129,
0.3654


 16.1980, 0.3095,
0.4293


 51.9204, 0.3119,
0.3948

 9.6644, 0.3073,
0.4504


 70.4830, 0.3122,
0.3880

 5.1770, 0.3031,
0.4823

 93.0138, 0.3125,
0.3824

 2.3515, 0.2948,
0.5376

 119.8973, 0.3126,
0.3778

 0.8008, 0.1796,
0.8204

151.5178, 0.3127,
0.3740

 0.0000, 0.0000,
0.0000

188.2597, 0.3128,

0.3707

230.5073, 0.3129,
0.3678

■ 25.1623, 0.3107,
0.4144

■ 25.1623, 0.3107,
0.4144

■ 24.1060, 0.3096,
0.4479

■ 26.4155, 0.3116,
0.3832

■ 23.2337, 0.3083,
0.4825

■ 27.8716, 0.3122,
0.3550

■ 22.5357, 0.3068,
0.5162


■ 29.5401, 0.3127,
0.3300

■ 22.0004, 0.3052,
0.5467

■ 31.4291, 0.3130,
0.3081

■ 21.6145, 0.3036,
0.5714

■ 33.5462, 0.3133,
0.2891

 21.3629, 0.3021,
0.5886

 35.8987, 0.3134,
0.2726

 21.2226, 0.3013,
0.5990

 38.4935, 0.3135,
0.2585

 41.3372, 0.3135,
0.2463

 44.4363, 0.3135,
0.2357

Harmonies

Analogous

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



25.1623, 0.3621, 0.4244



25.1623, 0.3107, 0.4144



25.1623, 0.2623, 0.3739

Triad

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



25.1623, 0.3107, 0.4144



25.1623, 0.2279, 0.2507



25.1623, 0.4033, 0.3270

Complementary

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



25.1623, 0.3107, 0.4144



17.9446, 0.3135, 0.2552

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.



25.1623, 0.3613, 0.2885



25.1623, 0.3107, 0.4144



25.1623, 0.2595, 0.2460

Square

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



25.1623, 0.3107, 0.4144



25.1623, 0.2173, 0.2761



25.1623, 0.3076, 0.2597



25.1623, 0.4183, 0.3685

Rectangle

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



25.1623, 0.3107, 0.4144



25.1623, 0.2380, 0.3383



25.1623, 0.3076, 0.2597



25.1623, 0.3918, 0.3135

Sweetspot

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



25.1634, 0.3107, 0.4144



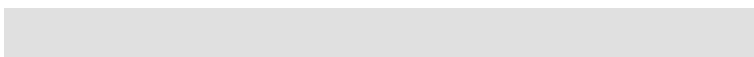
49.5209, 0.3123, 0.3517



27.7551, 0.3581, 0.3992



11.2196, 0.3122, 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.



25.1634, 0.3107, 0.4144



43.1845, 0.3100, 0.4353



25.4987, 0.2909, 0.3751



6.4802, 0.3123, 0.3518



18.1312, 0.3014, 0.5989



0.2244, 0.3081, 0.5936

Inverse Universe

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



17.9446, 0.3135, 0.2552



28.4989, 0.3135, 0.2401



17.5464, 0.3427, 0.2872



5.8960, 0.3131, 0.3071



6.6895, 0.3099, 0.1481



0.0852, 0.3158, 0.1513

Previews

White Background



This preview shows how the Yxy color 25.1623, 0.3107, 0.4144 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 25.1623, 0.3107, 0.4144 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 25.1623, 0.3107, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 25.1623, 0.3107, 0.4144.



This preview shows how white text looks on a background with the Yxy color 25.1623, 0.3107, 0.4144.

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

25.1623, 0.3107, 0.4144

Protanopia

24.9762, 0.3662, 0.3945

Deuteranopia

24.7677, 0.3749, 0.3675



Tritanopia

25.2233, 0.2747, 0.3098

Trichromacy



Original Color

25.1623, 0.3107, 0.4144

Protanomaly

24.8754, 0.3445, 0.4015

Deuteranomaly

24.5074, 0.3491, 0.3826

Tritanomaly

25.0753, 0.2878, 0.3452

Monochromacy



Original Color

25.1623, 0.3107, 0.4144

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.3123, 0.3124, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1623, 0.3107, 0.4144 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(105, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(105, 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(105, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 148, 103) }
```

Border

The CSS property to change the border of an element to Yxy 25.1623, 0.3107, 0.4144 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(105, 148, 103) }
```

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

```
.border{ border-color:rgb(105, 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(105, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(105, 148,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1623, 0.3107, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 148, 103) }
```

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

```
.background{ background-color: rgb(105,  
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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