

Converting Colors

$Y_{xy}(25.6968, 0.3206, 0.4157)$

Have a look what the booklet for
Yxy(25.6968, 0.3206, 0.4157)
contains.

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Color

Yxy(25.6301, 0.3206, 0.4161)

Conversions

Conversions Part 1

Format	Color
Hex	719465
RGB	113, 148, 101
RGB Percent	44%, 58%, 40%
CMY	0.5569, 0.4196, 0.6039
CMYK	0.24, 0.00, 0.32, 0.42
HSL	105°, 19%, 49%
HSV	105°, 32%, 58%
XYZ	19.7477, 25.6301, 16.2182
YIQ	132.1770, -5.7730, -22.0370

Conversions

Conversions Part 2

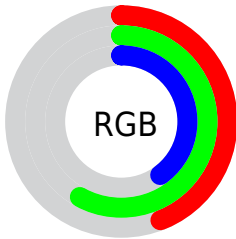
Format	Color
R_{YB}	101, 148, 136
Decimal	7443557
CIE _{Lab}	57.68, -21.47, 21.02
CIE _{LCh}	58, 30.046, 135.595
Y _{xy}	25.6301, 0.3206, 0.4161
Android (android.graphics.Color)	4285633637 (0xFF719465)
YUV	132.1770, -15.3703, -16.8182
Hunter-Lab	50.6262, -18.9686, 16.4446

Details

The Yxy color **25.6301, 0.3206, 0.4161** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.6819, 0.3008, 0.2489**, and the grayscale version is **23.1993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6150, 0.3203, 0.3963**, and **9.9057, 0.3208, 0.4504** is the 20% darker color. If you saturate the color by 10%, you get **24.6793, 0.3222, 0.4478**, and if you desaturate by 10%, it is **26.7242, 0.3184, 0.3860**.

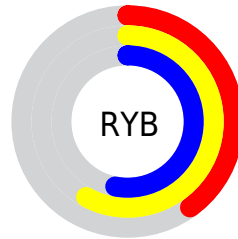
Distribution



Red (44%)

Green (58%)

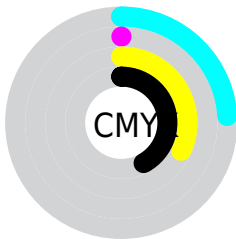
Blue (40%)



Red (40%)

Yellow (58%)

Blue (53%)

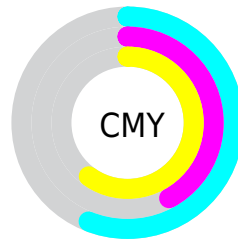


Cyan (24%)

Magenta (0%)

Yellow (32%)

Black (42%)



Cyan (56%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6301, 0.3206, 0.4161 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 25.6301, 0.3206, 0.4161 by changing the saturation by 10% instead.


 25.6301, 0.3206,
0.4161


 25.6301, 0.3206,
0.4161


280.9615, 0.3174,
0.3664

 16.5471, 0.3209,
0.4310


 52.6776, 0.3197,
0.3963


 9.9121, 0.3208,
0.4520


 71.4109, 0.3193,
0.3894

 5.3407, 0.3195,
0.4833

 94.1298, 0.3189,
0.3838

 2.4485, 0.3165,
0.5381

 121.2186, 0.3185,
0.3791

 0.8507, 0.2507,
0.7493

153.0618, 0.3182,
0.3752

 0.0000, 0.0000,
0.0000

190.0438, 0.3179,

0.3718

232.5489, 0.3176,
0.3689

■ 25.6301, 0.3206,
0.4161

■ 25.6301, 0.3206,
0.4161

■ 24.6793, 0.3222,
0.4478

■ 26.7242, 0.3184,
0.3860

■ 23.8626, 0.3229,
0.4801

■ 27.9639, 0.3159,
0.3583

■ 23.1746, 0.3226,
0.5114


■ 29.3556, 0.3132,
0.3331

■ 22.6083, 0.3211,
0.5398


■ 30.9044, 0.3104,
0.3107

■ 22.1560, 0.3184,
0.5633

■ 32.6150, 0.3076,
0.2908

 21.8090, 0.3147,
0.5805

 34.4921, 0.3049,
0.2733

 21.5889, 0.3115,
0.5909

 36.5399, 0.3024,
0.2579

 38.7628, 0.2999,
0.2444

 41.1648, 0.2976,
0.2325

Harmonies

Analogous

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



25.6301, 0.3695, 0.4200



25.6301, 0.3206, 0.4161



25.6301, 0.2719, 0.3817

Triad

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



25.6301, 0.3206, 0.4161



25.6301, 0.2265, 0.2560



25.6301, 0.3946, 0.3196

Complementary

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



25.6301, 0.3206, 0.4161



16.6819, 0.3008, 0.2489

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.



25.6301, 0.3504, 0.2834



25.6301, 0.3206, 0.4161



25.6301, 0.2537, 0.2475

Square

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



25.6301, 0.3206, 0.4161



25.6301, 0.2203, 0.2846



25.6301, 0.2980, 0.2577



25.6301, 0.4148, 0.3601

Rectangle

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



25.6301, 0.3206, 0.4161



25.6301, 0.2460, 0.3481



25.6301, 0.2980, 0.2577



25.6301, 0.3819, 0.3067

Sweetspot

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



25.6312, 0.3206, 0.4161



49.7014, 0.3155, 0.3542



24.6959, 0.3649, 0.3868



11.2774, 0.3159, 0.3575



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.



25.6312, 0.3206, 0.4161



44.0199, 0.3218, 0.4382



25.1177, 0.2989, 0.3976



6.5357, 0.3152, 0.3516



18.4503, 0.3119, 0.5906



0.2382, 0.3412, 0.5673

Inverse Universe

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



16.6819, 0.3008, 0.2489



25.7175, 0.2973, 0.2306



17.4114, 0.3305, 0.2691



5.8355, 0.3099, 0.3069



4.6855, 0.2586, 0.1198



0.0714, 0.2898, 0.1370

Previews

White Background



This preview shows how the Yxy color 25.6301, 0.3206, 0.4161 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 25.6301, 0.3206, 0.4161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

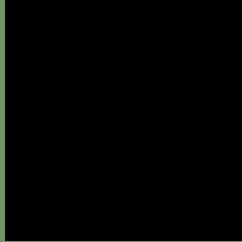
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6301, 0.3206, 0.4161

Background



This preview shows how black text looks on a background with the Yxy color 25.6301, 0.3206, 0.4161.



This preview shows how white text looks on a background with the Yxy color 25.6301, 0.3206, 0.4161.

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

25.6301, 0.3206, 0.4161

Protanopia

25.4296, 0.3691, 0.3971

Deuteranopia

25.2885, 0.3816, 0.3732



Tritanopia

25.4146, 0.2811, 0.3084

Trichromacy



Original Color

25.6301, 0.3206, 0.4161

Protanomaly

25.4621, 0.3508, 0.4054

Deuteranomaly

25.1760, 0.3579, 0.3882

Tritanomaly

25.5193, 0.2955, 0.3467

Monochromacy



Original Color

25.6301, 0.3206, 0.4161

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9174, 0.3157, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6301, 0.3206, 0.4161 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(113, 148, 101)` looks like.

```
.text, #text, p{  
    color:rgb(113, 148, 101)  
}
```

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(113, 148, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 148, 101) }
```

Border

The CSS property to change the border of an element to Yxy 25.6301, 0.3206, 0.4161 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(113, 148, 101) }
```

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

```
.border{ border-color:rgb(113, 148, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 148, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 148, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 148, 101);  
box-shadow:4px 4px 4px 4px rgb(113, 148,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6301, 0.3206, 0.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 148, 101) }
```

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

```
.background{ background-color: rgb(113,  
148, 101) }
```

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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