

Converting Colors

$Y_{xy}(25.6589, 0.2943, 0.4216)$

Have a look what the booklet for
Yxy(25.6589, 0.2943, 0.4216)
contains.

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Color

$Y_{xy}(25.6002, 0.2941, 0.4206)$

Conversions

Conversions Part 1

Format	Color
Hex	599869
RGB	89, 152, 105
RGB Percent	35%, 60%, 41%
CMY	0.6508, 0.4039, 0.5882
CMYK	0.41, 0.00, 0.31, 0.40
HSL	135°, 26%, 47%
HSV	135°, 41%, 60%
XYZ	17.9007, 25.6002, 17.3650
YIQ	127.8050, -22.4610, -27.9730

Conversions

Conversions Part 2

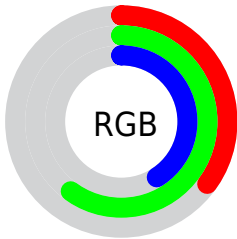
Format	Color
R_{YB}	89, 139, 152
Decimal	5871721
CIE _{Lab}	57.66, -30.88, 18.53
CIE _{LCh}	58, 36.013, 149.029
Yxy	25.6002, 0.2941, 0.4206
Android (android.graphics.Color)	4284061801 (0xFF599869)
YUV	127.8050, -11.2429, -34.0320
Hunter-Lab	50.5966, -25.3923, 15.0690

Details

The Yxy color **25.6002, 0.2941, 0.4206** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.6039, 0.3394, 0.2526**, and the grayscale version is **21.5642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7767, 0.2994, 0.4004**, and **9.8031, 0.2844, 0.4601** is the 20% darker color. If you saturate the color by 10%, you get **24.7071, 0.2907, 0.4477**, and if you desaturate by 10%, it is **26.6819, 0.2982, 0.3951**.

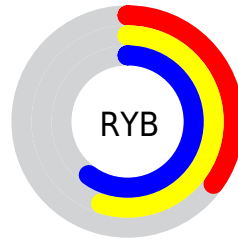
Distribution



Red (35%)

Green (60%)

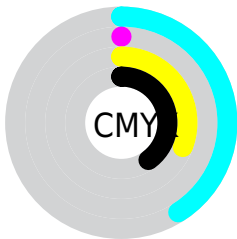
Blue (41%)



Red (35%)

Yellow (55%)

Blue (60%)

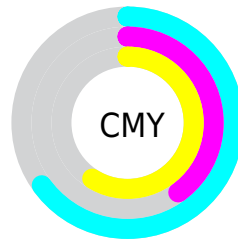


Cyan (41%)

Magenta (0%)

Yellow (31%)

Black (40%)



Cyan (65%)

Magenta (40%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6002, 0.2941, 0.4206 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 25.6002, 0.2941, 0.4206 by changing the saturation by 10% instead.


 25.6002, 0.2941,
0.4206


 25.6002, 0.2941,
0.4206


280.8139, 0.3056,
0.3678

 16.5248, 0.2902,
0.4368


 52.6293, 0.2990,
0.3994


 9.8963, 0.2843,
0.4597


 71.3517, 0.3006,
0.3920

 5.3302, 0.2746,
0.4947

 94.0586, 0.3019,
0.3861

 2.4423, 0.2569,
0.5542

 121.1344, 0.3029,
0.3812

 0.8475, 0.0575,
0.9425

152.9634, 0.3038,
0.3770

 0.0000, 0.0000,
0.0000

189.9301, 0.3045,

0.3735

232.4188, 0.3051,
0.3704

■ 25.6002, 0.2941,
0.4206

■ 25.6002, 0.2941,
0.4206

■ 24.7071, 0.2907,
0.4477

■ 26.6819, 0.2982,
0.3951

■ 23.9884, 0.2883,
0.4755

■ 27.9588, 0.3026,
0.3716

■ 23.4333, 0.2872,
0.5030


■ 29.4414, 0.3073,
0.3504


■ 23.0282, 0.2874,
0.5287

■ 31.1382, 0.3120,
0.3315

■ 22.7572, 0.2891,
0.5512


■ 33.0574, 0.3167,
0.3149

 22.5992, 0.2910,
0.5675

 35.2067, 0.3212,
0.3003

 37.5934, 0.3254,
0.2876

 40.2246, 0.3294,
0.2765

 43.1070, 0.3332,
0.2669

Harmonies

Analogous

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



25.6002, 0.3541, 0.4415



25.6002, 0.2941, 0.4206



25.6002, 0.2421, 0.3656

Triad

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



25.6002, 0.2941, 0.4206



25.6002, 0.2225, 0.2354



25.6002, 0.4264, 0.3378

Complementary

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



25.6002, 0.2941, 0.4206



15.6039, 0.3394, 0.2526

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.



25.6002, 0.3840, 0.2927



25.6002, 0.2941, 0.4206



25.6002, 0.2637, 0.2363

Square

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



25.6002, 0.2941, 0.4206



25.6002, 0.2042, 0.2574



25.6002, 0.3224, 0.2568



25.6002, 0.4336, 0.3848

Rectangle

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



25.6002, 0.2941, 0.4206



25.6002, 0.2185, 0.3230



25.6002, 0.3224, 0.2568



25.6002, 0.4156, 0.3222

Sweetspot

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



25.6013, 0.2941, 0.4206



51.7433, 0.3069, 0.3520



28.4331, 0.3553, 0.4349



11.6875, 0.3064, 0.3544



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.6013, 0.2941, 0.4206



43.6766, 0.2909, 0.4465



26.3660, 0.2692, 0.3582



6.9500, 0.3084, 0.3460



18.9542, 0.2907, 0.5664



0.2886, 0.2698, 0.4914

Inverse Universe

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



15.6039, 0.3394, 0.2526



23.5080, 0.3477, 0.2360



14.8410, 0.3885, 0.3025



6.2969, 0.3174, 0.3125



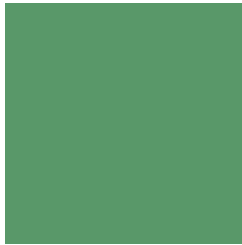
6.6102, 0.3956, 0.1953



0.1045, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 25.6002, 0.2941, 0.4206 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 25.6002, 0.2941, 0.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

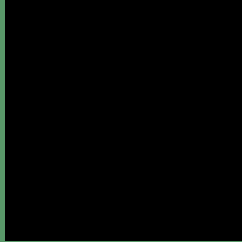
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6002, 0.2941, 0.4206

Background



This preview shows how black text looks on a background with the Yxy color 25.6002, 0.2941, 0.4206.



This preview shows how white text looks on a background with the Yxy color 25.6002, 0.2941, 0.4206.

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

25.6002, 0.2941, 0.4206

Protanopia

25.3737, 0.3658, 0.3941

Deuteranopia

25.1837, 0.3733, 0.3657



Tritanopia

25.3944, 0.2601, 0.3077

Trichromacy



Original Color

25.6002, 0.2941, 0.4206

Protanomaly

25.0965, 0.3371, 0.4043

Deuteranomaly

24.6988, 0.3404, 0.3834

Tritanomaly

25.5016, 0.2724, 0.3474

Monochromacy



Original Color

25.6002, 0.2941, 0.4206

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.8248, 0.3047, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6002, 0.2941, 0.4206 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(89, 152, 105)` looks like.

```
.text, #text, p{  
  color:rgb(89, 152, 105)  
}
```

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(89, 152, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 152, 105) }
```

Border

The CSS property to change the border of an element to Yxy 25.6002, 0.2941, 0.4206 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(89, 152, 105) }
```

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

```
.border{ border-color:rgb(89, 152, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 152, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 152, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 152, 105);  
box-shadow:4px 4px 4px 4px rgb(89, 152,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6002, 0.2941, 0.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 152, 105) }
```

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

```
.background{ background-color: rgb(89, 152,  
105) }
```

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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