

Converting Colors

$Y_{xy}(25.8932, 0.3342, 0.4290)$

Have a look what the booklet for
Yxy(25.8932, 0.3342, 0.4290)
contains.

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Color

$Yxy(25.8921, 0.3342, 0.4290)$

Conversions

Conversions Part 1

Format	Color
Hex	77945D
RGB	119, 148, 93
RGB Percent	47%, 58%, 36%
CMY	0.5335, 0.4196, 0.6353
CMYK	0.20, 0.00, 0.37, 0.42
HSL	92°, 23%, 47%
HSV	92°, 37%, 58%
XYZ	20.1705, 25.8921, 14.2920
YIQ	133.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

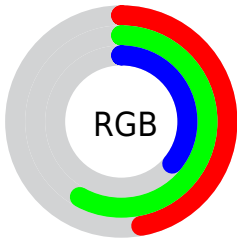
Format	Color
R_{YB}	93, 148, 122
Decimal	7836765
CIE _{Lab}	57.93, -20.45, 25.83
CIE _{LCh}	58, 32.943, 128.362
Yxy	25.8921, 0.3342, 0.4290
Android (android.graphics.Color)	4286026845 (0xFF77945D)
YUV	133.0590, -19.7491, -12.3297
Hunter-Lab	50.8843, -18.2902, 18.9661

Details

The Yxy color **25.8921, 0.3342, 0.4290** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.1097, 0.2824, 0.2304**, and the grayscale version is **23.5500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0253, 0.3307, 0.4062**, and **10.0119, 0.3379, 0.4685** is the 20% darker color. If you saturate the color by 10%, you get **25.1256, 0.3385, 0.4586**, and if you desaturate by 10%, it is **26.7571, 0.3290, 0.3999**.

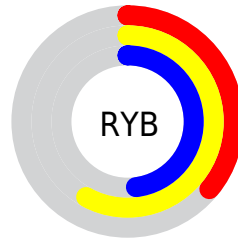
Distribution



Red (47%)

Green (58%)

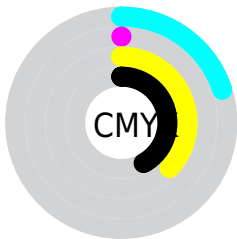
Blue (36%)



Red (36%)

Yellow (58%)

Blue (48%)

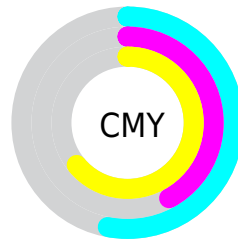


Cyan (20%)

Magenta (0%)

Yellow (37%)

Black (42%)



Cyan (53%)


Magenta (42%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8921, 0.3342, 0.4290 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 25.8921, 0.3342, 0.4290 by changing the saturation by 10% instead.


 25.8921, 0.3342,
0.4290


 25.8921, 0.3342,
0.4290


282.2520, 0.3239,
0.3722


 16.7429, 0.3363,
0.4458


 53.1008, 0.3307,
0.4065


 10.0514, 0.3383,
0.4692


 71.9292, 0.3293,
0.3986

 5.4330, 0.3397,
0.5035

 94.7527, 0.3281,
0.3922

 2.5035, 0.3463,
0.5724

 121.9558, 0.3270,
0.3868

 0.8784, 0.2766,
0.7234

153.9229, 0.3261,
0.3823

 0.0000, 0.0000,
0.0000

191.0384, 0.3253,

0.3784

233.6866, 0.3245,
0.3751

■ 25.8921, 0.3342,
0.4290

■ 25.8921, 0.3342,
0.4290

■ 25.1256, 0.3385,
0.4586

■ 26.7571, 0.3290,
0.3999

■ 24.4501, 0.3415,
0.4874

■ 27.7210, 0.3232,
0.3722

■ 23.8625, 0.3429,
0.5142


■ 28.7884, 0.3171,
0.3463

■ 23.3579, 0.3423,
0.5375


■ 29.9627, 0.3110,
0.3225


■ 22.9309, 0.3397,
0.5560

■ 31.2471, 0.3050,
0.3009

 22.5730, 0.3353,
0.5694

 32.6445, 0.2993,
0.2815

 22.4800, 0.3341,
0.5729

 34.1578, 0.2938,
0.2641

 35.7900, 0.2887,
0.2486

 37.5436, 0.2840,
0.2348

Harmonies

Analogous

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



25.8921, 0.3853, 0.4242



25.8921, 0.3342, 0.4290



25.8921, 0.2799, 0.3987

Triad

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



25.8921, 0.3342, 0.4290



25.8921, 0.2156, 0.2549



25.8921, 0.3925, 0.3083

Complementary

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



25.8921, 0.3342, 0.4290



14.1097, 0.2824, 0.2304

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.



25.8921, 0.3399, 0.2716



25.8921, 0.3342, 0.4290



25.8921, 0.2395, 0.2410

Square

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



25.8921, 0.3342, 0.4290



25.8921, 0.2145, 0.2908



25.8921, 0.2836, 0.2476



25.8921, 0.4220, 0.3515

Rectangle

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



25.8921, 0.3342, 0.4290



25.8921, 0.2492, 0.3636



25.8921, 0.2836, 0.2476



25.8921, 0.3766, 0.2950

Sweetspot

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



25.8932, 0.3342, 0.4290



50.0014, 0.3196, 0.3565



20.8658, 0.3817, 0.3779



11.3619, 0.3203, 0.3597



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.



25.8932, 0.3342, 0.4290



44.4880, 0.3380, 0.4548



24.3174, 0.3069, 0.4358



6.5946, 0.3183, 0.3514



19.2146, 0.3345, 0.5726



0.2525, 0.3691, 0.5451

Inverse Universe

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



14.1097, 0.2824, 0.2304



20.4578, 0.2730, 0.2054



16.2365, 0.3181, 0.2413



5.7746, 0.3067, 0.3067



3.2313, 0.2102, 0.0931



0.0571, 0.2580, 0.1195

Previews

White Background



This preview shows how the Yxy color 25.8921, 0.3342, 0.4290 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 25.8921, 0.3342, 0.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

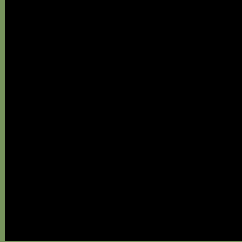
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8921, 0.3342, 0.4290

Background



This preview shows how black text looks on a background with the Yxy color 25.8921, 0.3342, 0.4290.



This preview shows how white text looks on a background with the Yxy color 25.8921, 0.3342, 0.4290.

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

25.8921, 0.3342, 0.4290

Protanopia

25.7658, 0.3794, 0.4107

Deuteranopia

25.7266, 0.3938, 0.3863



Tritanopia

25.9059, 0.2888, 0.3105

Trichromacy



Original Color

25.8921, 0.3342, 0.4290

Protanomaly

25.5732, 0.3623, 0.4180

Deuteranomaly

25.3927, 0.3713, 0.4003

Tritanomaly

25.9452, 0.3054, 0.3517

Monochromacy



Original Color

25.8921, 0.3342, 0.4290

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.0742, 0.3221, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8921, 0.3342, 0.4290 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(119, 148, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 93)  
}
```

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(119, 148, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.8921, 0.3342, 0.4290 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(119, 148, 93) }
```

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

```
.border{ border-color:rgb(119, 148, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8921, 0.3342, 0.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 93) }
```

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

```
.background{ background-color: rgb(119,  
148, 93) }
```

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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