

Converting Colors

$Y_{xy}(25.1662, 0.2695, 0.3502)$

Have a look what the booklet for
Yxy(25.1662, 0.2695, 0.3502)
contains.

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Color

$Y_{xy}(25.2101, 0.2692, 0.3495)$

Conversions

Conversions Part 1

Format	Color
Hex	5B9489
RGB	91, 148, 137
RGB Percent	36%, 58%, 54%
CMY	0.6432, 0.4196, 0.4628
CMYK	0.39, 0.00, 0.07, 0.42
HSL	168°, 24%, 47%
HSV	168°, 39%, 58%
XYZ	19.4179, 25.2101, 27.5039
YIQ	129.7030, -30.4410, -15.5050

Conversions

Conversions Part 2

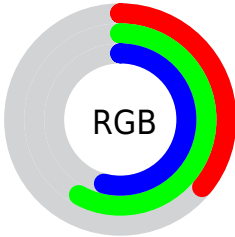
Format	Color
R_{YB}	91, 123, 148
Decimal	6001801
CIE _{Lab}	57.28, -21.38, -0.08
CIE _{LCh}	57, 21.379, 180.223
Yxy	25.2101, 0.2692, 0.3495
Android (android.graphics.Color)	4284191881 (0xFF5B9489)
YUV	129.7030, 3.5974, -33.9425
Hunter-Lab	50.2097, -18.8344, 2.6688

Details

The Yxy color **25.2101, 0.2692, 0.3495** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7364, 0.3861, 0.3100**, and the grayscale version is **22.2073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8881, 0.2788, 0.3452**, and **9.6886, 0.2537, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **24.4507, 0.2604, 0.3558**, and if you desaturate by 10%, it is **26.1220, 0.2793, 0.3436**.

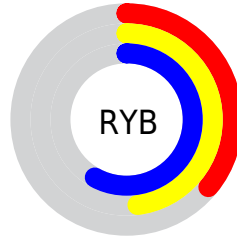
Distribution



Red (36%)

Green (58%)

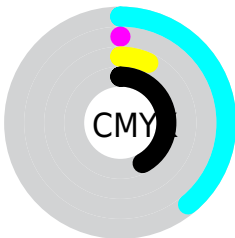
Blue (54%)



Red (36%)

Yellow (48%)

Blue (58%)

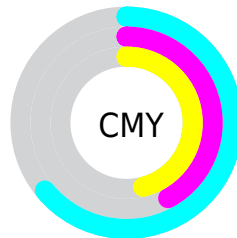


Cyan (39%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (64%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2101, 0.2692, 0.3495 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 25.2101, 0.2692, 0.3495 by changing the saturation by 10% instead.


 25.2101, 0.2692,
0.3495


 25.2101, 0.2692,
0.3495


278.8826, 0.2931,
0.3383


 16.2337, 0.2624,
0.3527


 51.9979, 0.2785,
0.3451


 9.6896, 0.2531,
0.3570


 70.5780, 0.2818,
0.3436

 5.1937, 0.2397,
0.3633

 93.1281, 0.2845,
0.3423

 2.3613, 0.2186,
0.3732

 120.0326, 0.2868,
0.3412

 0.8059, 0.1263,
0.4169

151.6759, 0.2887,
0.3403

 0.0000, 0.0000,
0.0000

188.4424, 0.2904,

0.3396

230.7166, 0.2918,
0.3389

■ 25.2101, 0.2692,
0.3495

■ 25.2101, 0.2692,
0.3495

■ 24.4507, 0.2604,
0.3558

■ 26.1220, 0.2793,
0.3436

■ 23.8321, 0.2532,
0.3623

■ 27.1915, 0.2904,
0.3381

■ 23.3455, 0.2477,
0.3691

■ 28.4271, 0.3022,
0.3330


■ 22.9800, 0.2440,
0.3759


■ 29.8358, 0.3146,
0.3283


■ 22.7229, 0.2422,
0.3828

■ 31.4241, 0.3272,
0.3242

 22.5476, 0.2419,
0.3896

 33.1984, 0.3399,
0.3205

 22.5233, 0.2418,
0.3906

 35.1645, 0.3525,
0.3172

 37.3283, 0.3648,
0.3143

 39.6950, 0.3768,
0.3117

Harmonies

Analogous

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



25.2101, 0.3014, 0.3803



25.2101, 0.2692, 0.3495



25.2101, 0.2491, 0.3140

Triad

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



25.2101, 0.2692, 0.3495



25.2101, 0.2848, 0.2710



25.2101, 0.3851, 0.3669

Complementary

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



25.2101, 0.2692, 0.3495



14.7364, 0.3861, 0.3100

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.



25.2101, 0.3807, 0.3377



25.2101, 0.2692, 0.3495



25.2101, 0.3209, 0.2845

Square

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



25.2101, 0.2692, 0.3495



25.2101, 0.2577, 0.2709



25.2101, 0.3567, 0.3083



25.2101, 0.3690, 0.3885

Rectangle

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



25.2101, 0.2692, 0.3495



25.2101, 0.2445, 0.2938



25.2101, 0.3567, 0.3083



25.2101, 0.3860, 0.3576

Sweetspot

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



25.2111, 0.2692, 0.3495



49.3084, 0.2977, 0.3348



24.7847, 0.3185, 0.4385



11.1983, 0.2964, 0.3354



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.



25.2111, 0.2692, 0.3495



43.3362, 0.2617, 0.3547



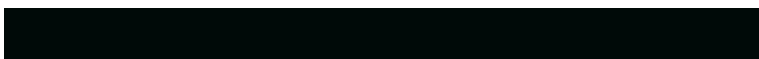
20.5680, 0.2560, 0.2964



6.5432, 0.3014, 0.3333



19.2406, 0.2417, 0.3902



0.2395, 0.2327, 0.3576

Inverse Universe

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



14.7364, 0.3861, 0.3100



22.2269, 0.4107, 0.3060



17.7968, 0.3928, 0.3590



5.8326, 0.3254, 0.3247



5.4551, 0.6042, 0.3102



0.0701, 0.5101, 0.2584

Previews

White Background



This preview shows how the Yxy color 25.2101, 0.2692, 0.3495 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 25.2101, 0.2692, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

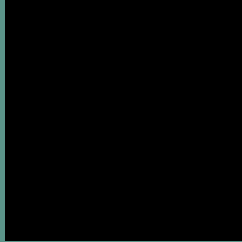
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2101, 0.2692, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 25.2101, 0.2692, 0.3495.

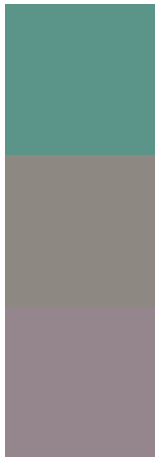


This preview shows how white text looks on a background with the Yxy color 25.2101, 0.2692, 0.3495.

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

25.2101, 0.2692, 0.3495

Protanopia

24.8827, 0.3246, 0.3392

Deuteranopia

25.0581, 0.3235, 0.3177



Tritanopia

25.1719, 0.2570, 0.3075

Trichromacy



Original Color

25.2101, 0.2692, 0.3495

Protanomaly

24.6606, 0.3015, 0.3414

Deuteranomaly

24.6302, 0.3009, 0.3272

Tritanomaly

25.1395, 0.2610, 0.3216

Monochromacy



Original Color

25.2101, 0.2692, 0.3495

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.2978, 0.2941, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2101, 0.2692, 0.3495 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(91, 148, 137)` looks like.

```
.text, #text, p{  
    color:rgb(91, 148, 137)  
}
```

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(91, 148, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 148, 137) }
```

Border

The CSS property to change the border of an element to Yxy 25.2101, 0.2692, 0.3495 is called "border". The border property can be set on classes, ids or directly on the HTML element.

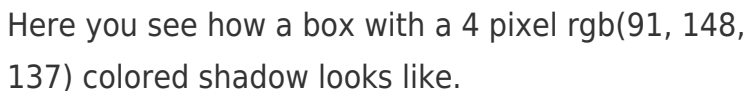
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 148, 137) }
```

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

```
.border{ border-color:rgb(91, 148, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 148, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 148, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 148, 137);  
box-shadow:4px 4px 4px 4px rgb(91, 148,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2101, 0.2692, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 148, 137) }
```

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

```
.background{ background-color: rgb(91, 148,  
137) }
```

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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