

Converting Colors

$Y_{xy}(25.1641, 0.2730, 0.3333)$

Have a look what the booklet for
Yxy(25.1641, 0.2730, 0.3333)
contains.

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Color

$Y_{xy}(25.0587, 0.2729, 0.3325)$

Conversions

Conversions Part 1

Format	Color
Hex	66918F
RGB	102, 145, 143
RGB Percent	40%, 57%, 56%
CMY	0.5998, 0.4314, 0.4392
CMYK	0.30, 0.00, 0.01, 0.43
HSL	177°, 17%, 48%
HSV	177°, 30%, 57%
XYZ	20.5670, 25.0587, 29.7388
YIQ	131.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

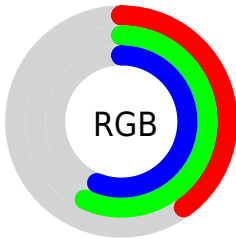
Format	Color
R_{YB}	102, 124, 145
Decimal	6721935
CIE _{Lab}	57.13, -15.05, -3.67
CIE _{LCh}	57, 15.489, 193.716
Yxy	25.0587, 0.2729, 0.3325
Android (android.graphics.Color)	4284912015 (0xFF66918F)
YUV	131.9150, 5.4649, -26.2355
Hunter-Lab	50.0587, -14.2646, -0.1819

Details

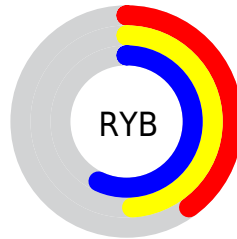
The Yxy color $25.0587, 0.2729, 0.3325$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $16.5326, 0.3729, 0.3256$, and the grayscale version is $23.0330, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7481, 0.2808, 0.3316$, and $9.5258, 0.2574, 0.3316$ is the 20% darker color. If you saturate the color by 10%, you get $24.2645, 0.2616, 0.3339$, and if you desaturate by 10%, it is $26.0033, 0.2855, 0.3312$.

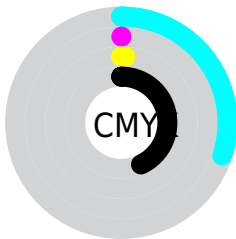
Distribution



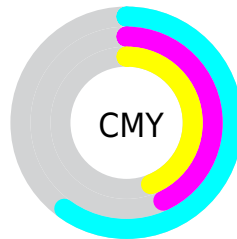
- Red (40%)
- Green (57%)
- Blue (56%)



- Red (40%)
- Yellow (49%)
- Blue (57%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)





- Cyan (60%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0587, 0.2729, 0.3325 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 25.0587, 0.2729, 0.3325 by changing the saturation by 10% instead.


 25.0587, 0.2729,
0.3325


 25.0587, 0.2729,
0.3325

278.1301, 0.2947,
0.3308


 16.1208, 0.2667,
0.3329


 51.7524, 0.2813,
0.3319


 9.6097, 0.2584,
0.3333


 70.2771, 0.2843,
0.3317

 5.1409, 0.2463,
0.3338

 92.7660, 0.2868,
0.3315

 2.3302, 0.2274,
0.3341

 119.6038, 0.2889,
0.3313

 0.7896, 0.1668,
0.3437

151.1747, 0.2907,
0.3312

 0.0000, 0.0000,
0.0000

187.8631, 0.2922,

0.3310

230.0534, 0.2935,
0.3309

■ 25.0587, 0.2729,
0.3325

■ 25.0587, 0.2729,
0.3325

■ 24.2645, 0.2616,
0.3339

■ 26.0033, 0.2855,
0.3312

■ 23.6099, 0.2518,
0.3353

■ 27.1023, 0.2990,
0.3300

■ 23.0874, 0.2437,
0.3367

■ 28.3635, 0.3133,
0.3290

■ 22.6879, 0.2374,
0.3382

■ 29.7932, 0.3280,
0.3280

■ 22.4007, 0.2328,
0.3397

■ 31.3973, 0.3430,
0.3271

■ 22.2137, 0.2301,
0.3412

■ 33.1815, 0.3579,
0.3263

■ 22.0956, 0.2286,
0.3427

■ 35.1513, 0.3727,
0.3257

■ 22.0913, 0.2285,
0.3427

■ 37.3117, 0.3871,
0.3251

■ 39.6679, 0.4010,
0.3246

Harmonies

Analogous

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



25.0587, 0.2934, 0.3568



25.0587, 0.2729, 0.3325



25.0587, 0.2629, 0.3083

Triad

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



25.0587, 0.2729, 0.3325



25.0587, 0.3040, 0.2894



25.0587, 0.3617, 0.3653

Complementary

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



25.0587, 0.2729, 0.3325



16.5326, 0.3729, 0.3256

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.



25.0587, 0.3652, 0.3460



25.0587, 0.2729, 0.3325



25.0587, 0.3311, 0.3033

Square

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



25.0587, 0.2729, 0.3325



25.0587, 0.2803, 0.2848



25.0587, 0.3538, 0.3237



25.0587, 0.3448, 0.3758

Rectangle

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



25.0587, 0.2729, 0.3325



25.0587, 0.2633, 0.2959



25.0587, 0.3538, 0.3237



25.0587, 0.3646, 0.3596

Sweetspot

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



25.0597, 0.2729, 0.3325



48.6319, 0.2996, 0.3300



24.1641, 0.3110, 0.4116



10.7571, 0.2978, 0.3301



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.0597, 0.2729, 0.3325



43.8404, 0.2647, 0.3335



19.7094, 0.2674, 0.2926



6.1121, 0.2996, 0.3300



18.9515, 0.2285, 0.3427



0.1821, 0.2264, 0.3352

Inverse Universe

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



16.5326, 0.3729, 0.3256



25.8522, 0.3940, 0.3248



20.7458, 0.3665, 0.3628



5.4279, 0.3274, 0.3280



5.1771, 0.6330, 0.3261



0.0501, 0.6010, 0.3084

Previews

White Background



This preview shows how the Yxy color 25.0587, 0.2729, 0.3325 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 25.0587, 0.2729, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

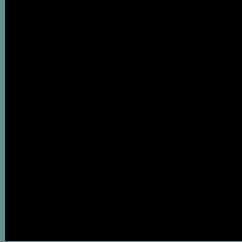
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0587, 0.2729, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 25.0587, 0.2729, 0.3325.



This preview shows how white text looks on a background with the Yxy color 25.0587, 0.2729, 0.3325.

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

25.0587, 0.2729, 0.3325

Protanopia

24.9323, 0.3140, 0.3257

Deuteranopia

24.9614, 0.3137, 0.3079



Tritanopia

25.0147, 0.2653, 0.3078

Trichromacy



Original Color

25.0587, 0.2729, 0.3325

Protanomaly

24.7943, 0.2979, 0.3272

Deuteranomaly

24.6815, 0.2972, 0.3153

Tritanomaly

25.1239, 0.2679, 0.3164

Monochromacy



Original Color

25.0587, 0.2729, 0.3325

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7338, 0.2965, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0587, 0.2729, 0.3325 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(102, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 143)  
}
```

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(102, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.0587, 0.2729, 0.3325 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(102, 145, 143) }
```

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

```
.border{ border-color:rgb(102, 145, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0587, 0.2729, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 143) }
```

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

```
.background{ background-color: rgb(102,  
145, 143) }
```

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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