

Converting Colors

$Y_{xy}(25.1329, 0.2872, 0.3498)$

Have a look what the booklet for
Yxy(25.1329, 0.2872, 0.3498)
contains.

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Color

$Y_{xy}(25.1955, 0.2877, 0.3508)$

Conversions

Conversions Part 1

Format	Color
Hex	6D9185
RGB	109, 145, 133
RGB Percent	43%, 57%, 52%
CMY	0.5726, 0.4313, 0.4784
CMYK	0.25, 0.00, 0.08, 0.43
HSL	160°, 14%, 50%
HSV	160°, 25%, 57%
XYZ	20.6635, 25.1955, 25.9640
YIQ	132.8680, -17.6040, -11.3640

Conversions

Conversions Part 2

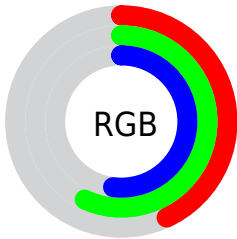
Format	Color
R_{YB}	109, 131, 145
Decimal	7180677
CIE Lab	57.27, -15.15, 2.30
CIE LCh	57, 15.324, 171.379
Yxy	25.1955, 0.2877, 0.3508
Android (android.graphics.Color)	4285370757 (0xFF6D9185)
YUV	132.8680, 0.0651, -20.9322
Hunter-Lab	50.1951, -14.3596, 4.4681

Details

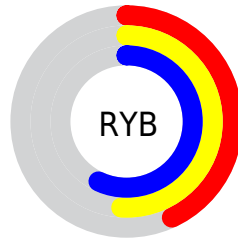
The Yxy color $25.1955, 0.2877, 0.3508$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.3331, 0.3463, 0.3083$, and the grayscale version is $23.4084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9691, 0.2930, 0.3462$, and $9.6062, 0.2773, 0.3568$ is the 20% darker color. If you saturate the color by 10%, you get $24.2212, 0.2787, 0.3610$, and if you desaturate by 10%, it is $26.3298, 0.2974, 0.3414$.

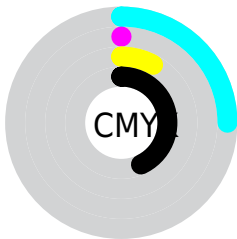
Distribution



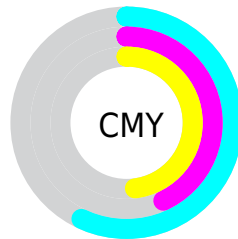
- Red (43%)
- Green (57%)
- Blue (52%)



- Red (43%)
- Yellow (51%)
- Blue (57%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (43%)





- Cyan (57%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1955, 0.2877, 0.3508 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 25.1955, 0.2877, 0.3508 by changing the saturation by 10% instead.


 25.1955, 0.2877,
0.3508


 25.1955, 0.2877,
0.3508


278.8102, 0.3015,
0.3387


 16.2228, 0.2837,
0.3543


 51.9742, 0.2931,
0.3460


 9.6819, 0.2782,
0.3592


 70.5490, 0.2950,
0.3444

 5.1886, 0.2702,
0.3665

 93.0932, 0.2966,
0.3430

 2.3583, 0.2572,
0.3784

 119.9913, 0.2979,
0.3418

 0.8043, 0.2062,
0.4202

151.6276, 0.2990,
0.3409

 0.0000, 0.0000,
0.0000

188.3866, 0.3000,

0.3400

230.6527, 0.3008,
0.3393

■ 25.1955, 0.2877,
0.3508

■ 25.1955, 0.2877,
0.3508

■ 24.2212, 0.2787,
0.3610

■ 26.3298, 0.2974,
0.3414

■ 23.3962, 0.2708,
0.3720

■ 27.6278, 0.3077,
0.3328

■ 22.7134, 0.2641,
0.3836

■ 29.0974, 0.3181,
0.3251

■ 22.1638, 0.2591,
0.3957

■ 30.7446, 0.3287,
0.3182

■ 21.7375, 0.2558,
0.4081

■ 32.5753, 0.3392,
0.3121

■ 21.4231, 0.2544,
0.4206

■ 34.5952, 0.3494,
0.3067

■ 21.2056, 0.2549,
0.4330

■ 36.8097, 0.3594,
0.3020

■ 21.1104, 0.2554,
0.4394

■ 39.2239, 0.3690,
0.2979

■ 41.8428, 0.3782,
0.2943

Harmonies

Analogous

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



25.1955, 0.3128, 0.3695



25.1955, 0.2877, 0.3508



25.1955, 0.2698, 0.3260

Triad

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



25.1955, 0.2877, 0.3508



25.1955, 0.2860, 0.2855



25.1955, 0.3651, 0.3512

Complementary

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



25.1955, 0.2877, 0.3508



18.3331, 0.3463, 0.3083

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.



25.1955, 0.3575, 0.3294



25.1955, 0.2877, 0.3508



25.1955, 0.3109, 0.2926

Square

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



25.1955, 0.2877, 0.3508



25.1955, 0.2688, 0.2891



25.1955, 0.3373, 0.3083



25.1955, 0.3580, 0.3685

Rectangle

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



25.1955, 0.2877, 0.3508



25.1955, 0.2639, 0.3103



25.1955, 0.3373, 0.3083



25.1955, 0.3642, 0.3442

Sweetspot

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



25.1965, 0.2877, 0.3508



48.9103, 0.3053, 0.3347



25.4210, 0.3222, 0.3943



10.8543, 0.3048, 0.3351



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.



25.1965, 0.2877, 0.3508



44.0750, 0.2824, 0.3566



23.7605, 0.2764, 0.3181



6.0862, 0.3032, 0.3364



18.1099, 0.2552, 0.4387



0.1772, 0.2397, 0.3828

Inverse Universe

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



18.3331, 0.3463, 0.3083



29.5404, 0.3568, 0.3032



19.3816, 0.3604, 0.3396



5.4519, 0.3233, 0.3217



5.3531, 0.5577, 0.2846



0.0550, 0.4521, 0.2264

Previews

White Background



This preview shows how the Yxy color 25.1955, 0.2877, 0.3508 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 25.1955, 0.2877, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

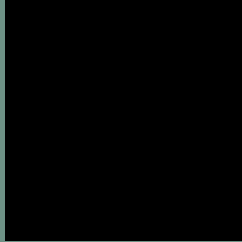
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

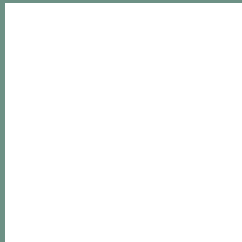
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1955, 0.2877, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 25.1955, 0.2877, 0.3508.



This preview shows how white text looks on a background with the Yxy color 25.1955, 0.2877, 0.3508.

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

25.1955, 0.2877, 0.3508

Protanopia

25.2006, 0.3277, 0.3442

Deuteranopia

25.1319, 0.3302, 0.3242



Tritanopia

25.1566, 0.2738, 0.3098

Trichromacy



Original Color

25.1955, 0.2877, 0.3508

Protanomaly

25.1137, 0.3119, 0.3464

Deuteranomaly

24.8748, 0.3137, 0.3324

Tritanomaly

25.1650, 0.2790, 0.3236

Monochromacy



Original Color

25.1955, 0.2877, 0.3508

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.8699, 0.3026, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1955, 0.2877, 0.3508 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(109, 145, 133)` looks like.

```
.text, #text, p{  
    color:rgb(109, 145, 133)  
}
```

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(109, 145, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 145, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.1955, 0.2877, 0.3508 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(109, 145, 133) }
```

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

```
.border{ border-color:rgb(109, 145, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 145, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 145, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 145, 133);  
box-shadow:4px 4px 4px 4px rgb(109, 145,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1955, 0.2877, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 145, 133) }
```

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

```
.background{ background-color: rgb(109,  
145, 133) }
```

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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