

Converting Colors

$Y_{xy}(25.2734, 0.2785, 0.3344)$

Have a look what the booklet for
Yxy(25.2734, 0.2785, 0.3344)
contains.

Yxy(25.3296, 0.2781, 0.3343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(25.3296, 0.2781, 0.3343)$

Conversions

Conversions Part 1

Format	Color
Hex	6B918E
RGB	107, 145, 142
RGB Percent	42%, 57%, 56%
CMY	0.5804, 0.4314, 0.4431
CMYK	0.26, 0.00, 0.02, 0.43
HSL	175°, 15%, 49%
HSV	175°, 26%, 57%
XYZ	21.0714, 25.3296, 29.3681
YIQ	133.2960, -21.6850, -8.9890

Conversions

Conversions Part 2

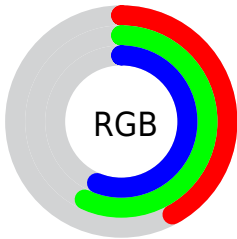
Format	Color
RYB	107, 127, 145
Decimal	7049614
CIELab	57.40, -13.75, -2.68
CIELCh	57, 14.004, 191.026
Yxy	25.3296, 0.2781, 0.3343
Android (android.graphics.Color)	4285239694 (0xFF6B918E)
YUV	133.2960, 4.2911, -23.0616
Hunter-Lab	50.3285, -13.3411, 0.6326

Details

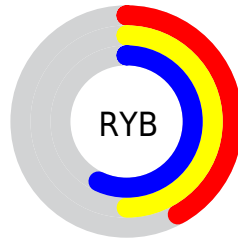
The Yxy color $25.3296, 0.2781, 0.3343$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $17.6625, 0.3622, 0.3239$, and the grayscale version is $23.5597, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.2033, 0.2849, 0.3329$, and $9.6777, 0.2653, 0.3343$ is the 20% darker color. If you saturate the color by 10%, you get $24.4716, 0.2667, 0.3366$, and if you desaturate by 10%, it is $26.3407, 0.2907, 0.3321$.

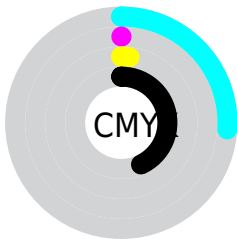
Distribution



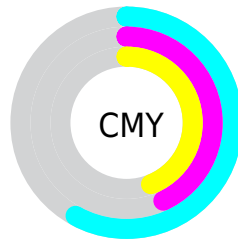
- Red (42%)
- Green (57%)
- Blue (56%)



- Red (42%)
- Yellow (50%)
- Blue (57%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)



- Cyan (58%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3296, 0.2781, 0.3343 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 25.3296, 0.2781, 0.3343 by changing the saturation by 10% instead.

■ 25.3296, 0.2781,
0.3343

■ 25.3296, 0.2781,
0.3343

279.4754, 0.2970,
0.3316

■ 16.3228, 0.2727,
0.3350

■ 52.1914, 0.2854,
0.3333

■ 9.7529, 0.2654,
0.3359

■ 70.8152, 0.2880,
0.3329

■ 5.2354, 0.2549,
0.3372

■ 93.4135, 0.2902,
0.3326

■ 2.3860, 0.2383,
0.3388

■ 120.3706, 0.2920,
0.3323

■ 0.8187, 0.1888,
0.3492

152.0710, 0.2935,
0.3321

■ 0.0000, 0.0000,
0.0000

188.8989, 0.2949,

0.3319

231.2390, 0.2960,
0.3317

■ 25.3296, 0.2781,
0.3343

■ 25.3296, 0.2781,
0.3343

■ 24.4716, 0.2667,
0.3366

■ 26.3407, 0.2907,
0.3321

■ 23.7562, 0.2566,
0.3390

■ 27.5089, 0.3041,
0.3302

■ 23.1762, 0.2481,
0.3416

■ 28.8416, 0.3181,
0.3283

■ 22.7226, 0.2414,
0.3441

■ 30.3452, 0.3324,
0.3267

■ 22.3853, 0.2365,
0.3468

■ 32.0254, 0.3469,
0.3252

■ 22.1529, 0.2333,
0.3494

■ 33.8879, 0.3613,
0.3239

■ 22.0074, 0.2318,
0.3520

■ 35.9380, 0.3754,
0.3228

■ 21.9598, 0.2314,
0.3529

■ 38.1807, 0.3891,
0.3219

■ 40.6211, 0.4024,
0.3210

Harmonies

Analogous

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



25.3296, 0.2974, 0.3557



25.3296, 0.2781, 0.3343



25.3296, 0.2681, 0.3123

Triad

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



25.3296, 0.2781, 0.3343



25.3296, 0.3028, 0.2923



25.3296, 0.3577, 0.3605

Complementary

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



25.3296, 0.2781, 0.3343



17.6625, 0.3622, 0.3239

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.



25.3296, 0.3595, 0.3428



25.3296, 0.2781, 0.3343



25.3296, 0.3272, 0.3044

Square

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



25.3296, 0.2781, 0.3343



25.3296, 0.2819, 0.2892



25.3296, 0.3482, 0.3225



25.3296, 0.3435, 0.3707

Rectangle

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



25.3296, 0.2781, 0.3343



25.3296, 0.2677, 0.3005



25.3296, 0.3482, 0.3225



25.3296, 0.3598, 0.3552

Sweetspot

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



25.3306, 0.2781, 0.3343



48.8291, 0.3014, 0.3305



24.6393, 0.3126, 0.4005



10.7962, 0.2995, 0.3308



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.



25.3306, 0.2781, 0.3343



44.4919, 0.2717, 0.3355



20.9160, 0.2729, 0.2997



6.1091, 0.3000, 0.3307



18.8367, 0.2313, 0.3528



0.1815, 0.2277, 0.3399

Inverse Universe

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



17.6625, 0.3622, 0.3239



28.5443, 0.3763, 0.3227



21.2073, 0.3597, 0.3566



5.4306, 0.3270, 0.3273



5.1868, 0.6281, 0.3234



0.0507, 0.5770, 0.2952

Previews

White Background



This preview shows how the Yxy color 25.3296, 0.2781, 0.3343 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 25.3296, 0.2781, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

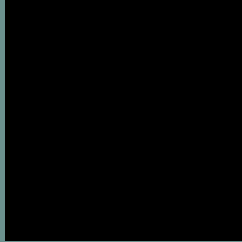
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3296, 0.2781, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 25.3296, 0.2781, 0.3343.



This preview shows how white text looks on a background with the Yxy color 25.3296, 0.2781, 0.3343.

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

25.3296, 0.2781, 0.3343

Protanopia

25.2729, 0.3160, 0.3290

Deuteranopia

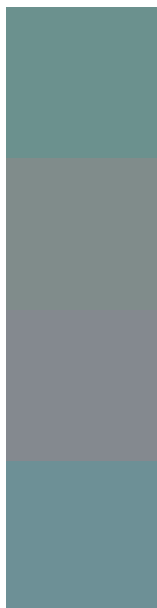
24.9917, 0.3169, 0.3112



Tritanopia

25.3265, 0.2696, 0.3080

Trichromacy



Original Color

25.3296, 0.2781, 0.3343

Protanomaly

25.2094, 0.3009, 0.3307

Deuteranomaly

24.7800, 0.3013, 0.3188

Tritanomaly

25.3997, 0.2730, 0.3183

Monochromacy



Original Color

25.3296, 0.2781, 0.3343

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9540, 0.2996, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3296, 0.2781, 0.3343 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(107, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(107, 145, 142)  
}
```

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(107, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 145, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.3296, 0.2781, 0.3343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

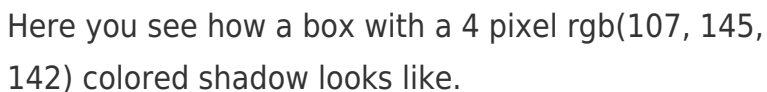
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 145, 142) }
```

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

```
.border{ border-color:rgb(107, 145, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(107, 145,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3296, 0.2781, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 145, 142) }
```

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

```
.background{ background-color: rgb(107,  
145, 142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor