

Converting Colors

$Y_{xy}(28.1627, 0.2631, 0.3085)$

Have a look what the booklet for
Yxy(28.1627, 0.2631, 0.3085)
contains.

Yxy(28.3250, 0.2628, 0.3087)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(28.3250, 0.2628, 0.3087)$

Conversions

Conversions Part 1

Format	Color
Hex	6C98A4
RGB	108, 152, 164
RGB Percent	42%, 60%, 64%
CMY	0.5765, 0.4039, 0.3569
CMYK	0.34, 0.07, 0.00, 0.36
HSL	193°, 24%, 53%
HSV	193°, 34%, 64%
XYZ	24.1134, 28.3250, 39.3173
YIQ	140.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

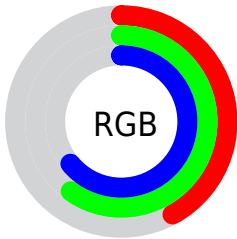
Format	Color
RYB	108, 133, 164
Decimal	7116964
CIELab	60.18, -11.84, -11.07
CIElCh	60, 16.212, 223.081
Yxy	28.3250, 0.2628, 0.3087
Android (android.graphics.Color)	4285307044 (0xFF6C98A4)
YUV	140.2120, 11.7275, -28.2499
Hunter-Lab	53.2212, -12.2626, -6.5458

Details

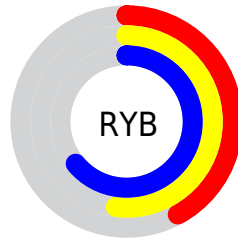
The Yxy color $28.3250, 0.2628, 0.3087$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $22.4081, 0.3843, 0.3482$, and the grayscale version is $26.2753, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.8342, 0.2726, 0.3127$, and $11.3471, 0.2461, 0.3014$ is the 20% darker color. If you saturate the color by 10%, you get $26.2690, 0.2497, 0.3017$, and if you desaturate by 10%, it is $30.6105, 0.2768, 0.3152$.

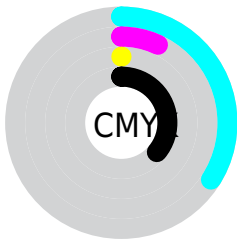
Distribution



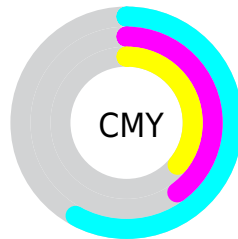
- Red (42%)
- Green (60%)
- Blue (64%)



- Red (42%)
- Yellow (52%)
- Blue (64%)



- Cyan (34%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (58%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.3250, 0.2628, 0.3087 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 28.3250, 0.2628, 0.3087 by changing the saturation by 10% instead.

■ 28.3250, 0.2628,
0.3087

■ 28.3250, 0.2628,
0.3087

■ 294.0166, 0.2894,
0.3201

■ 18.5708, 0.2556,
0.3054

■ 57.0029, 0.2729,
0.3132

■ 11.3606, 0.2460,
0.3008

■ 76.6954, 0.2765,
0.3147

■ 6.3099, 0.2326,
0.2941

■ 100.4694, 0.2796,
0.3160

■ 3.0344, 0.2126,
0.2835

■ 128.7094, 0.2821,
0.3171

■ 1.1497, 0.1798,
0.2643

■ 161.7997, 0.2844,
0.3180

■ 0.0201, 0.0000,
0.0246

■ 200.1248, 0.2863,

■ 0.0000, 0.0000,

0.3188

0.0000

244.0689, 0.2879,
0.3195

■ 28.3250, 0.2628,
0.3087

■ 28.3250, 0.2628,
0.3087

■ 26.2690, 0.2497,
0.3017

■ 30.6105, 0.2768,
0.3152

■ 24.4279, 0.2379,
0.2944

■ 33.1323, 0.2915,
0.3213

■ 22.7907, 0.2277,
0.2869

■ 35.9013, 0.3065,
0.3269

■ 21.3435, 0.2191,
0.2792

■ 38.9265, 0.3216,
0.3319

■ 20.0709, 0.2125,
0.2714

■ 42.2163, 0.3365,
0.3364

■ 18.9541, 0.2077,
0.2637

■ 45.7790, 0.3512,
0.3404

■ 18.3453, 0.2053,
0.2592

■ 49.6222, 0.3654,
0.3440

■ 53.7534, 0.3791,
0.3471

■ 58.0651, 0.3917,
0.3499

Harmonies

Analogous

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



28.3250, 0.2731, 0.3331



28.3250, 0.2628, 0.3087



28.3250, 0.2652, 0.2914

Triad

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



28.3250, 0.2628, 0.3087



28.3250, 0.3306, 0.3028



28.3250, 0.3454, 0.3759

Complementary

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



28.3250, 0.2628, 0.3087



22.4081, 0.3843, 0.3482

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.



28.3250, 0.3622, 0.3651



28.3250, 0.2628, 0.3087



28.3250, 0.3536, 0.3232

Square

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



28.3250, 0.2628, 0.3087



28.3250, 0.3034, 0.2890



28.3250, 0.3654, 0.3457



28.3250, 0.3203, 0.3735

Rectangle

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



28.3250, 0.2628, 0.3087



28.3250, 0.2736, 0.2856



28.3250, 0.3654, 0.3457



28.3250, 0.3523, 0.3736

Sweetspot

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



28.3261, 0.2628, 0.3087



62.0752, 0.2974, 0.3236



31.0757, 0.2993, 0.4079



13.4270, 0.2954, 0.3228



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.3261, 0.2628, 0.3087



48.5329, 0.2527, 0.3034



20.4859, 0.2566, 0.2603



7.7525, 0.2988, 0.3241



14.1375, 0.2056, 0.2599



0.3580, 0.2133, 0.2877

Inverse Universe

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



20.8854, 0.3310, 0.2625



33.3024, 0.3363, 0.2478



29.9050, 0.3706, 0.3892



7.1761, 0.3168, 0.3115



7.2713, 0.3825, 0.1881



0.1589, 0.3564, 0.1737

Previews

White Background



This preview shows how the Yxy color 28.3250, 0.2628, 0.3087 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 28.3250, 0.2628, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

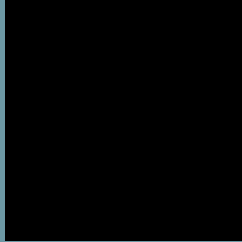
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3250, 0.2628, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 28.3250, 0.2628, 0.3087.



This preview shows how white text looks on a background with the Yxy color 28.3250, 0.2628, 0.3087.

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

28.3250, 0.2628, 0.3087

Protanopia

28.2894, 0.2974, 0.3053

Deuteranopia

28.0988, 0.2959, 0.2905



Tritanopia

28.3250, 0.2628, 0.3087

Trichromacy



Original Color

28.3250, 0.2628, 0.3087

Protanomaly

28.1865, 0.2833, 0.3062

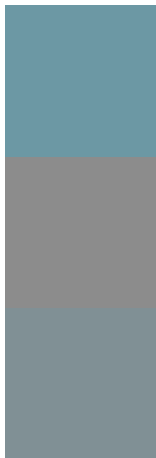
Deuteranomaly

27.9540, 0.2825, 0.2970

Tritanomaly

28.3250, 0.2628, 0.3087

Monochromacy



Original Color

28.3250, 0.2628, 0.3087

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7056, 0.2917, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3250, 0.2628, 0.3087 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(108, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 164)  
}
```

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(108, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 164) }
```

Border

The CSS property to change the border of an element to Yxy 28.3250, 0.2628, 0.3087 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(108, 152, 164) }
```

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

```
.border{ border-color:rgb(108, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3250, 0.2628, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 164) }
```

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

```
.background{ background-color: rgb(108,  
152, 164) }
```

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