

Converting Colors

$Y_{xy}(27.3142, 0.2773, 0.3743)$

Have a look what the booklet for
Yxy(27.3142, 0.2773, 0.3743)
contains.

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Color

$\text{Yxy}(27.3816, 0.2777, 0.3752)$

Conversions

Conversions Part 1

Format	Color
Hex	5D9B82
RGB	93, 155, 130
RGB Percent	36%, 61%, 51%
CMY	0.6352, 0.3922, 0.4902
CMYK	0.40, 0.00, 0.16, 0.39
HSL	156°, 25%, 49%
HSV	156°, 40%, 61%
XYZ	20.2662, 27.3816, 25.3309
YIQ	133.6120, -28.9270, -20.9190

Conversions

Conversions Part 2

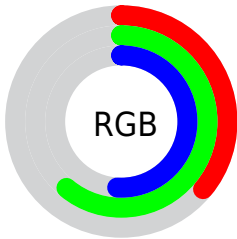
Format	Color
R_{YB}	93, 132, 155
Decimal	6134658
CIE _{Lab}	59.33, -25.97, 6.87
CIE _{LCh}	59, 26.864, 165.192
Yxy	27.3816, 0.2777, 0.3752
Android (android.graphics.Color)	4284324738 (0xFF5D9B82)
YUV	133.6120, -1.7807, -35.6167
Hunter-Lab	52.3274, -22.4408, 7.9278

Details

The Yxy color $27.3816, 0.2777, 0.3752$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.1116, 0.3698, 0.2878$, and the grayscale version is $23.7076, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6231, 0.2852, 0.3652$, and $10.7660, 0.2637, 0.3915$ is the 20% darker color. If you saturate the color by 10%, you get $26.4910, 0.2710, 0.3892$, and if you desaturate by 10%, it is $28.4486, 0.2855, 0.3621$.

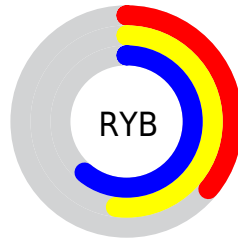
Distribution



Red (36%)

Green (61%)

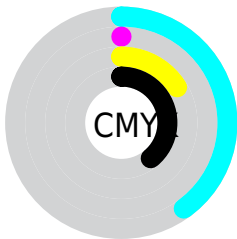
Blue (51%)



Red (36%)

Yellow (52%)

Blue (61%)

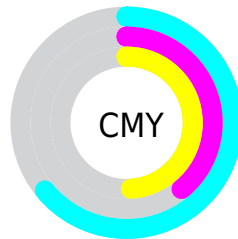


Cyan (40%)

Magenta (0%)

Yellow (16%)

Black (39%)



Cyan (64%)


Magenta (39%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3816, 0.2777, 0.3752 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 27.3816, 0.2777, 0.3752 by changing the saturation by 10% instead.


 27.3816, 0.2777,
0.3752

 27.3816, 0.2777,
0.3752


289.5000, 0.2971,
0.3494


 17.8600, 0.2721,
0.3828


 55.4956, 0.2852,
0.3650


 10.8495, 0.2645,
0.3933


 74.8568, 0.2879,
0.3615

 5.9657, 0.2533,
0.4089

 98.2667, 0.2901,
0.3585

 2.8243, 0.2355,
0.4342

 126.1097, 0.2920,
0.3561

 1.0407, 0.1709,
0.5121

158.7701, 0.2935,
0.3540

 0.0000, 0.0000,
0.0000

196.6324, 0.2949,

0.3523

240.0809, 0.2960,
0.3507

■ 27.3816, 0.2777,
0.3752

■ 27.3816, 0.2777,
0.3752

■ 26.4910, 0.2710,
0.3892

■ 28.4486, 0.2855,
0.3621

■ 25.7633, 0.2658,
0.4040

■ 29.6980, 0.2941,
0.3500

■ 25.1884, 0.2622,
0.4193


■ 31.1395, 0.3033,
0.3389

■ 24.7535, 0.2605,
0.4347


■ 32.7812, 0.3127,
0.3290

■ 24.4439, 0.2608,
0.4501


■ 34.6306, 0.3223,
0.3201

 24.2234, 0.2625,
0.4651

 36.6950, 0.3318,
0.3122

 24.2230, 0.2625,
0.4652

 38.9812, 0.3412,
0.3052

 41.4958, 0.3502,
0.2991

 44.2450, 0.3590,
0.2938

Harmonies

Analogous

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



27.3816, 0.3208, 0.4046



27.3816, 0.2777, 0.3752



27.3816, 0.2455, 0.3315

Triad

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



27.3816, 0.2777, 0.3752



27.3816, 0.2604, 0.2568



27.3816, 0.4019, 0.3568

Complementary

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



27.3816, 0.2777, 0.3752



16.1116, 0.3698, 0.2878

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.



27.3816, 0.3838, 0.3207



27.3816, 0.2777, 0.3752



27.3816, 0.2995, 0.2656

Square

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



27.3816, 0.2777, 0.3752



27.3816, 0.2363, 0.2651



27.3816, 0.3452, 0.2883



27.3816, 0.3939, 0.3892

Rectangle

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



27.3816, 0.2777, 0.3752



27.3816, 0.2337, 0.3033



27.3816, 0.3452, 0.2883



27.3816, 0.3987, 0.3448

Sweetspot

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



27.3827, 0.2777, 0.3752



55.1551, 0.3012, 0.3413



28.1449, 0.3320, 0.4390



12.4127, 0.3001, 0.3426



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.3827, 0.2777, 0.3752



47.5954, 0.2717, 0.3877



26.4556, 0.2575, 0.3197



6.9843, 0.3040, 0.3381



19.4638, 0.2622, 0.4639



0.2982, 0.2442, 0.3992

Inverse Universe

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



16.1116, 0.3698, 0.2878



24.5401, 0.3891, 0.2788



16.5312, 0.4064, 0.3379



6.2619, 0.3224, 0.3201



5.8887, 0.5310, 0.2699



0.0950, 0.4315, 0.2151

Previews

White Background



This preview shows how the Yxy color 27.3816, 0.2777, 0.3752 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 27.3816, 0.2777, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

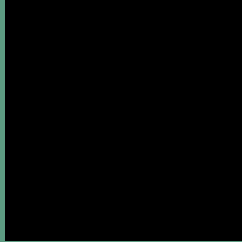
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3816, 0.2777, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 27.3816, 0.2777, 0.3752.



This preview shows how white text looks on a background with the Yxy color 27.3816, 0.2777, 0.3752.

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

27.3816, 0.2777, 0.3752

Protanopia

27.1656, 0.3399, 0.3601

Deuteranopia

26.9835, 0.3408, 0.3338



Tritanopia

27.2237, 0.2577, 0.3066

Trichromacy



Original Color

27.3816, 0.2777, 0.3752

Protanomaly

27.0409, 0.3141, 0.3653

Deuteranomaly

26.7909, 0.3140, 0.3476

Tritanomaly

27.2875, 0.2648, 0.3306

Monochromacy



Original Color

27.3816, 0.2777, 0.3752

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.9614, 0.2974, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3816, 0.2777, 0.3752 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(93, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 130)  
}
```

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(93, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.3816, 0.2777, 0.3752 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(93, 155, 130) }
```

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

```
.border{ border-color:rgb(93, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
130) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.3816, 0.2777, 0.3752$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 130) }
```

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

```
.background{ background-color: rgb(93, 155,  
130) }
```

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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