

Converting Colors

$Y_{xy}(17.9772, 0.3573, 0.3548)$

Have a look what the booklet for
Yxy(17.9772, 0.3573, 0.3548)
contains.

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Color

Yxy(18.0231, 0.3576, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	867264
RGB	134, 114, 100
RGB Percent	53%, 45%, 39%
CMY	0.4745, 0.5529, 0.6078
CMYK	0.00, 0.15, 0.25, 0.47
HSL	25°, 15%, 46%
HSV	25°, 25%, 53%
XYZ	18.1500, 18.0231, 14.5819
YIQ	118.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

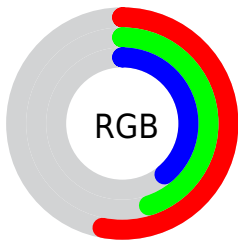
Format	Color
R_{YB}	134, 124, 100
Decimal	8811108
CIE Lab	49.52, 5.50, 10.65
CIE LCh	50, 11.982, 62.700
Yxy	18.0231, 0.3576, 0.3551
Android (android.graphics.Color)	4287001188 (0xFF867264)
YUV	118.3840, -9.0633, 13.6952
Hunter-Lab	42.4536, 2.0194, 9.3527

Details

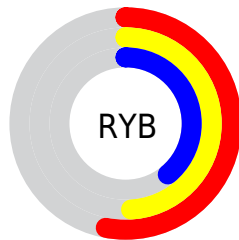
The Yxy color **18.0231, 0.3576, 0.3551** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8681, 0.2745, 0.3014**, and the grayscale version is **18.2694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.1982, 0.3472, 0.3493**, and **6.0383, 0.3788, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **16.0824, 0.3801, 0.3660**, and if you desaturate by 10%, it is **20.1616, 0.3379, 0.3444**.

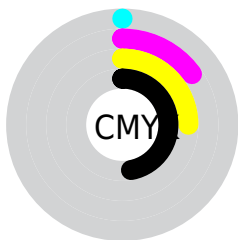
Distribution



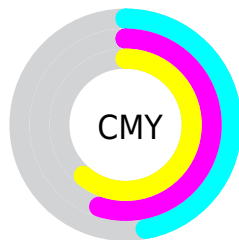
- Red (53%)
- Green (45%)
- Blue (39%)



- Red (53%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (47%)





- Cyan (47%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.0231, 0.3576, 0.3551 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 18.0231, 0.3576, 0.3551 by changing the saturation by 10% instead.


 18.0231, 0.3576,
0.3551


 18.0231, 0.3576,
0.3551

241.0012, 0.3315,
0.3403


 10.9666, 0.3657,
0.3595


 40.0767, 0.3470,
0.3493


 6.0444, 0.3775,
0.3655

 55.8425, 0.3434,
0.3472

 2.8721, 0.3956,
0.3745

 75.2803, 0.3405,
0.3455

 1.0653, 0.4438,
0.4034

 98.7743, 0.3381,
0.3442

 0.0000, 1.0000,
0.0000

126.7090, 0.3360,
0.3430

 0.0000, 0.0000,
0.0000

159.4688, 0.3343,

0.3420

197.4381, 0.3328,
0.3411

■ 18.0231, 0.3576,
0.3551

■ 18.0231, 0.3576,
0.3551

■ 16.0824, 0.3801,
0.3660

■ 20.1616, 0.3379,
0.3444

■ 14.3309, 0.4055,
0.3766

■ 22.5010, 0.3209,
0.3342

■ 12.7634, 0.4335,
0.3862

■ 25.0475, 0.3062,
0.3247

■ 11.3731, 0.4636,
0.3939

■ 27.8064, 0.2935,
0.3158

■ 10.1529, 0.4942,
0.3984

■ 30.7827, 0.2825,
0.3076

■ 9.0950, 0.5236,
0.3988

■ 33.9811, 0.2730,
0.3001

■ 8.1898, 0.5499,
0.3944

■ 37.4064, 0.2648,
0.2933

■ 7.8149, 0.5620,
0.3920

■ 41.0629, 0.2576,
0.2870

■ 44.9553, 0.2514,
0.2813

Harmonies

Analogous

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



18.0231, 0.3558, 0.3369



18.0231, 0.3576, 0.3551



18.0231, 0.3470, 0.3673

Triad

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



18.0231, 0.3576, 0.3551



18.0231, 0.2839, 0.3401



18.0231, 0.2971, 0.2920

Complementary

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



18.0231, 0.3576, 0.3551



17.8681, 0.2745, 0.3014

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.



18.0231, 0.2788, 0.2916



18.0231, 0.3576, 0.3551



18.0231, 0.2715, 0.3186

Square

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



18.0231, 0.3576, 0.3551



18.0231, 0.3042, 0.3591



18.0231, 0.2697, 0.3010



18.0231, 0.3201, 0.3014

Rectangle

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



18.0231, 0.3576, 0.3551



18.0231, 0.3345, 0.3698



18.0231, 0.2697, 0.3010



18.0231, 0.2902, 0.2908

Sweetspot

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



18.0239, 0.3576, 0.3551



38.4472, 0.3254, 0.3370



15.5515, 0.3339, 0.2917



8.5364, 0.3276, 0.3384



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



18.0239, 0.3576, 0.3551



29.9010, 0.3691, 0.3609



22.1156, 0.3508, 0.3841



4.9802, 0.3270, 0.3380



7.3436, 0.5615, 0.3923



0.0392, 0.4931, 0.4467

Inverse Universe

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



17.8681, 0.2745, 0.3014



29.5791, 0.2665, 0.2947



14.2141, 0.2716, 0.2672



4.9660, 0.2992, 0.3199



6.8554, 0.1868, 0.1925



0.0382, 0.2053, 0.2589

Previews

White Background



This preview shows how the Yxy color 18.0231, 0.3576, 0.3551 looks on a white 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

Black Background



This preview shows how the Yxy color 18.0231, 0.3576, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

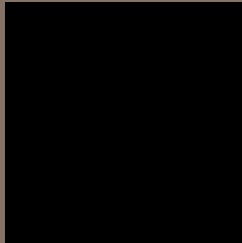
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.0231, 0.3576, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 18.0231, 0.3576, 0.3551.



This preview shows how white text looks on a background with the Yxy color 18.0231, 0.3576, 0.3551.

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

18.0231, 0.3576, 0.3551

Protanopia

18.2013, 0.3399, 0.3599

Deuteranopia

17.9646, 0.3608, 0.3531



Tritanopia

17.9592, 0.3349, 0.3128

Trichromacy



Original Color

18.0231, 0.3576, 0.3551

Protanomaly

18.2514, 0.3469, 0.3595

Deuteranomaly

17.8813, 0.3594, 0.3532

Tritanomaly

17.9315, 0.3425, 0.3273

Monochromacy



Original Color

18.0231, 0.3576, 0.3551

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.1554, 0.3290, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.0231, 0.3576, 0.3551 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(134, 114, 100)` looks like.

```
.text, #text, p{  
    color:rgb(134, 114, 100)  
}
```

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(134, 114, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 114, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.0231, 0.3576, 0.3551 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(134, 114, 100) }
```

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

```
.border{ border-color:rgb(134, 114, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 114, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 114, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 114, 100);  
box-shadow:4px 4px 4px 4px rgb(134, 114,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.0231, 0.3576, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 114, 100) }
```

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

```
.background{ background-color: rgb(134,  
114, 100) }
```

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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