

Converting Colors

$Y_{xy}(15.9626, 0.3082, 0.3527)$

Have a look what the booklet for
Yxy(15.9626, 0.3082, 0.3527)
contains.

Yxy(16.0276, 0.3078, 0.3524)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(16.0276, 0.3078, 0.3524)$

Conversions

Conversions Part 1

Format	Color
Hex	657368
RGB	101, 115, 104
RGB Percent	40%, 45%, 41%
CMY	0.6038, 0.5490, 0.5921
CMYK	0.12, 0.00, 0.10, 0.55
HSL	133°, 6%, 42%
HSV	133°, 12%, 45%
XYZ	13.9991, 16.0276, 15.4545
YIQ	109.5600, -4.8130, -6.3890

Conversions

Conversions Part 2

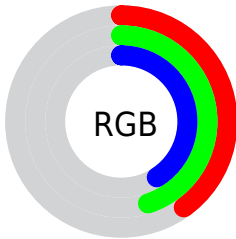
Format	Color
R _Y B	101, 113, 115
Decimal	6648680
CIE Lab	47.01, -7.54, 4.31
CIE LCh	47, 8.690, 150.249
Yxy	16.0276, 0.3078, 0.3524
Android (android.graphics.Color)	4284838760 (0xFF657368)
YUV	109.5600, -2.7411, -7.5071
Hunter-Lab	40.0345, -7.6430, 5.1364

Details

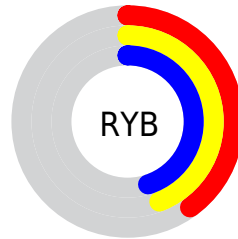
The Yxy color **16.0276, 0.3078, 0.3524** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1282, 0.3180, 0.3067**, and the grayscale version is **15.4713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6794, 0.3091, 0.3469**, and **5.0940, 0.3050, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **15.2359, 0.3038, 0.3743**, and if you desaturate by 10%, it is **16.9333, 0.3119, 0.3329**.

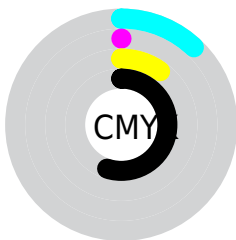
Distribution



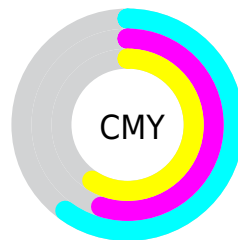
- Red (40%)
- Green (45%)
- Blue (41%)



- Red (40%)
- Yellow (44%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.0276, 0.3078, 0.3524 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 16.0276, 0.3078, 0.3524 by changing the saturation by 10% instead.

■ 16.0276, 0.3078,
0.3524

■ 16.0276, 0.3078,
0.3524

■ 229.5045, 0.3108,
0.3385

■ 9.5437, 0.3068,
0.3570

■ 36.6461, 0.3091,
0.3466

■ 5.0975, 0.3053,
0.3638

■ 51.5495, 0.3095,
0.3447

■ 2.3046, 0.3027,
0.3750

■ 70.0282, 0.3098,
0.3431

■ 0.7761, 0.2955,
0.4143

■ 92.4665, 0.3101,
0.3419

■ 0.0000, 0.0000,
0.0000

■ 119.2489, 0.3103,
0.3408

■ 150.7598, 0.3105,

0.3399

187.3835, 0.3106,
0.3391

■ 16.0276, 0.3078,
0.3524

■ 16.0276, 0.3078,
0.3524

■ 15.2359, 0.3038,
0.3743

■ 16.9333, 0.3119,
0.3329

■ 14.5517, 0.2999,
0.3985

■ 17.9552, 0.3158,
0.3156

■ 13.9709, 0.2963,
0.4247

■ 19.0979, 0.3196,
0.3005

■ 13.4884, 0.2933,
0.4524

■ 20.3652, 0.3233,
0.2873

■ 13.0987, 0.2911,
0.4807

■ 21.7608, 0.3267,
0.2757

■ 12.7956, 0.2900,
0.5085

■ 23.2881, 0.3298,
0.2657

■ 12.5723, 0.2900,
0.5343

■ 24.9505, 0.3328,
0.2569

■ 12.4207, 0.2912,
0.5566

■ 26.7512, 0.3356,
0.2493

■ 12.3282, 0.2921,
0.5716

■ 28.6933, 0.3381,
0.2427

Harmonies

Analogous

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



16.0276, 0.3252, 0.3592



16.0276, 0.3078, 0.3524



16.0276, 0.2920, 0.3387

Triad

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



16.0276, 0.3078, 0.3524



16.0276, 0.2862, 0.3010



16.0276, 0.3445, 0.3340

Complementary

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



16.0276, 0.3078, 0.3524



14.1282, 0.3180, 0.3067

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.



16.0276, 0.3335, 0.3192



16.0276, 0.3078, 0.3524



16.0276, 0.2997, 0.3005

Square

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



16.0276, 0.3078, 0.3524



16.0276, 0.2798, 0.3089



16.0276, 0.3170, 0.3072



16.0276, 0.3467, 0.3480

Rectangle

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



16.0276, 0.3078, 0.3524



16.0276, 0.2845, 0.3280



16.0276, 0.3170, 0.3072



16.0276, 0.3417, 0.3290

Sweetspot

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



16.0283, 0.3078, 0.3524



29.9913, 0.3111, 0.3365



16.6583, 0.3261, 0.3576



7.1294, 0.3108, 0.3377



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



16.0283, 0.3078, 0.3524



28.2217, 0.3065, 0.3593



16.1720, 0.2999, 0.3378



4.1098, 0.3091, 0.3461



14.0925, 0.2924, 0.5726



68.5687, 0.2945, 0.5802

Inverse Universe

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



14.1282, 0.3180, 0.3067



23.9986, 0.3196, 0.3005



13.9825, 0.3274, 0.3204



3.7452, 0.3166, 0.3125



5.0170, 0.3810, 0.1872



24.3195, 0.3848, 0.1894

Previews

White Background



This preview shows how the Yxy color 16.0276, 0.3078, 0.3524 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 16.0276, 0.3078, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

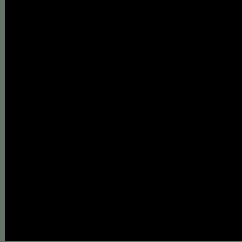
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

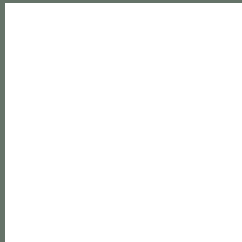
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 16.0276, 0.3078, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 16.0276, 0.3078, 0.3524.



This preview shows how white text looks on a background with the Yxy color 16.0276, 0.3078, 0.3524.

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

16.0276, 0.3078, 0.3524

Protanopia

15.9730, 0.3295, 0.3474

Deuteranopia

15.8411, 0.3379, 0.3310



Tritanopia

15.9119, 0.2919, 0.3105

Trichromacy



Original Color

16.0276, 0.3078, 0.3524

Protanomaly

15.8826, 0.3212, 0.3477

Deuteranomaly

15.8848, 0.3273, 0.3392

Tritanomaly

15.9316, 0.2975, 0.3248

Monochromacy



Original Color

16.0276, 0.3078, 0.3524

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.7969, 0.3110, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0276, 0.3078, 0.3524 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(101, 115, 104)` looks like.

```
.text, #text, p{  
    color:rgb(101, 115, 104)  
}
```

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(101, 115, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 115, 104) }
```

Border

The CSS property to change the border of an element to Yxy 16.0276, 0.3078, 0.3524 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(101, 115, 104) }
```

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

```
.border{ border-color:rgb(101, 115, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 115, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 115, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 115, 104);  
box-shadow:4px 4px 4px 4px rgb(101, 115,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0276, 0.3078, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 115, 104) }
```

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

```
.background{ background-color: rgb(101,  
115, 104) }
```

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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