

Converting Colors

$Yxy(17.1386, 0.2971, 0.3363)$

Have a look what the booklet for
Yxy(17.1386, 0.2971, 0.3363)
contains.

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Color

Yxy(17.0195, 0.2964, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	667673
RGB	102, 118, 115
RGB Percent	40%, 46%, 45%
CMY	0.6000, 0.5373, 0.5490
CMYK	0.14, 0.00, 0.03, 0.54
HSL	169°, 7%, 43%
HSV	169°, 14%, 46%
XYZ	15.0540, 17.0195, 18.7159
YIQ	112.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

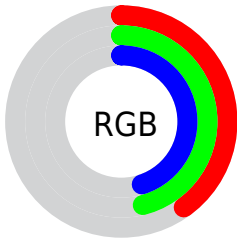
Format	Color
RYB	102, 111, 118
Decimal	6714995
CIELab	48.28, -6.56, -0.37
CIELCh	48, 6.574, 183.197
Yxy	17.0195, 0.2964, 0.3351
Android (android.graphics.Color)	4284905075 (0xFF667673)
YUV	112.8740, 1.0481, -9.5365
Hunter-Lab	41.2547, -7.0606, 1.9804

Details

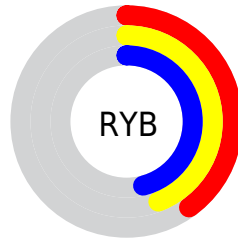
The Yxy color **17.0195, 0.2964, 0.3351** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3761, 0.3319, 0.3230**, and the grayscale version is **16.4740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.3118, 0.3001, 0.3333**, and **5.5978, 0.2894, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **16.3290, 0.2850, 0.3401**, and if you desaturate by 10%, it is **17.8108, 0.3084, 0.3305**.

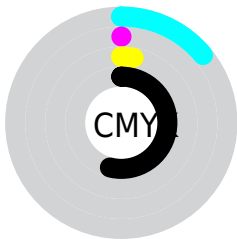
Distribution



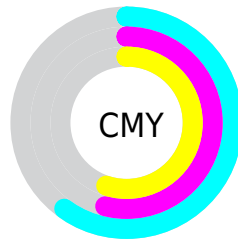
- Red (40%)
- Green (46%)
- Blue (45%)



- Red (40%)
- Yellow (44%)
- Blue (46%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0195, 0.2964, 0.3351 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 17.0195, 0.2964, 0.3351 by changing the saturation by 10% instead.

■ 17.0195, 0.2964,
0.3351

■ 17.0195, 0.2964,
0.3351

■ 235.2847, 0.3059,
0.3316

■ 10.2484, 0.2934,
0.3362

■ 38.3593, 0.3003,
0.3337

■ 5.5640, 0.2891,
0.3378

■ 53.6968, 0.3016,
0.3332

■ 2.5818, 0.2822,
0.3403

■ 72.6585, 0.3026,
0.3328

■ 0.9175, 0.2680,
0.3456

■ 95.6289, 0.3035,
0.3325

■ 0.0000, 0.0000,
0.0000

■ 122.9923, 0.3043,
0.3322

■ 155.1332, 0.3049,

0.3319

192.4358, 0.3054,
0.3317

■ 17.0195, 0.2964,
0.3351

■ 17.0195, 0.2964,
0.3351

■ 16.3290, 0.2850,
0.3401

■ 17.8108, 0.3084,
0.3305

■ 15.7329, 0.2745,
0.3455

■ 18.7047, 0.3207,
0.3264

■ 15.2277, 0.2651,
0.3512

■ 19.7055, 0.3332,
0.3226

■ 14.8085, 0.2571,
0.3572

■ 20.8167, 0.3457,
0.3193

■ 14.4701, 0.2505,
0.3635

■ 22.0417, 0.3580,
0.3164

■ 14.2067, 0.2457,
0.3699

■ 23.3837, 0.3701,
0.3138

■ 14.0117, 0.2427,
0.3763

■ 24.8457, 0.3818,
0.3115

■ 13.8764, 0.2414,
0.3828

■ 26.4307, 0.3931,
0.3096

■ 13.8009, 0.2408,
0.3870

■ 28.1415, 0.4038,
0.3079

Harmonies

Analogous

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



17.0195, 0.3079, 0.3454



17.0195, 0.2964, 0.3351



17.0195, 0.2893, 0.3233

Triad

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



17.0195, 0.2964, 0.3351



17.0195, 0.3043, 0.3080



17.0195, 0.3377, 0.3441

Complementary

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



17.0195, 0.2964, 0.3351



14.3761, 0.3319, 0.3230

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.



17.0195, 0.3367, 0.3340



17.0195, 0.2964, 0.3351



17.0195, 0.3172, 0.3134

Square

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



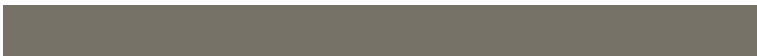
17.0195, 0.2964, 0.3351



17.0195, 0.2938, 0.3079



17.0195, 0.3292, 0.3228



17.0195, 0.3318, 0.3505

Rectangle

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



17.0195, 0.2964, 0.3351



17.0195, 0.2880, 0.3163



17.0195, 0.3292, 0.3228



17.0195, 0.3381, 0.3410

Sweetspot

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



17.0202, 0.2964, 0.3351



31.2368, 0.3077, 0.3308



16.9320, 0.3152, 0.3624



7.1607, 0.3069, 0.3310



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.



17.0202, 0.2964, 0.3351



29.5639, 0.2931, 0.3365



15.9889, 0.2929, 0.3190



4.1441, 0.3017, 0.3330



14.9292, 0.2409, 0.3872



72.6340, 0.2419, 0.3907

Inverse Universe

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



14.3761, 0.3319, 0.3230



24.0425, 0.3367, 0.3217



15.2862, 0.3348, 0.3388



3.7110, 0.3249, 0.3251



4.2280, 0.6034, 0.3098



20.5078, 0.6146, 0.3160

Previews

White Background



This preview shows how the Yxy color 17.0195, 0.2964, 0.3351 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 17.0195, 0.2964, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

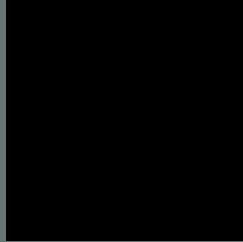
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0195, 0.2964, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 17.0195, 0.2964, 0.3351.



This preview shows how white text looks on a background with the Yxy color 17.0195, 0.2964, 0.3351.

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

17.0195, 0.2964, 0.3351

Protanopia

17.0088, 0.3179, 0.3310

Deuteranopia

16.9898, 0.3252, 0.3195



Tritanopia

16.9402, 0.2867, 0.3089

Trichromacy



Original Color

17.0195, 0.2964, 0.3351

Protanomaly

16.9211, 0.3100, 0.3310

Deuteranomaly

17.0775, 0.3142, 0.3251

Tritanomaly

17.0113, 0.2899, 0.3188

Monochromacy



Original Color

17.0195, 0.2964, 0.3351

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.7276, 0.3062, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0195, 0.2964, 0.3351 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(102, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(102, 118, 115)  
}
```

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(102, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 118, 115) }
```

Border

The CSS property to change the border of an element to Yxy 17.0195, 0.2964, 0.3351 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(102, 118, 115) }
```

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

```
.border{ border-color:rgb(102, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(102, 118,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0195, 0.2964, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 118, 115) }
```

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

```
.background{ background-color: rgb(102,  
118, 115) }
```

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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