

Converting Colors

$Y_{xy}(14.8781, 0.3018, 0.4026)$

Have a look what the booklet for
Yxy(14.8781, 0.3018, 0.4026)
contains.

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Color

Yxy(14.8089, 0.3020, 0.4026)

Conversions

Conversions Part 1

Format	Color
Hex	4F7455
RGB	79, 116, 85
RGB Percent	31%, 45%, 33%
CMY	0.6902, 0.5451, 0.6667
CMYK	0.32, 0.00, 0.27, 0.55
HSL	130°, 19%, 38%
HSV	130°, 32%, 45%
XYZ	11.1085, 14.8089, 10.8657
YIQ	101.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

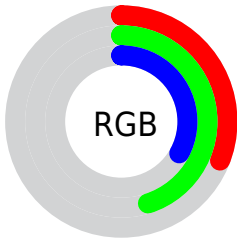
Format	Color
RYB	79, 111, 116
Decimal	5207125
CIELab	45.37, -20.07, 13.05
CIElCh	45, 23.938, 146.978
Yxy	14.8089, 0.3020, 0.4026
Android (android.graphics.Color)	4283397205 (0xFF4F7455)
YUV	101.4030, -8.0867, -19.6474
Hunter-Lab	38.4823, -15.8173, 10.1967

Details

The Yxy color **14.8089, 0.3020, 0.4026** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.4294, 0.3258, 0.2652**, and the grayscale version is **13.1468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4217, 0.3049, 0.3826**, and **4.5945, 0.2936, 0.4429** is the 20% darker color. If you saturate the color by 10%, you get **14.2108, 0.2989, 0.4305**, and if you desaturate by 10%, it is **15.5163, 0.3053, 0.3768**.

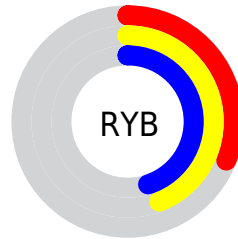
Distribution



Red (31%)

Green (45%)

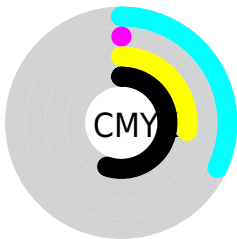
Blue (33%)



Red (31%)

Yellow (44%)

Blue (45%)

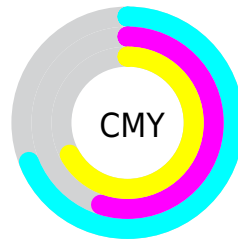


Cyan (32%)

Magenta (0%)

Yellow (27%)

Black (55%)



Cyan (69%)


Magenta (55%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8089, 0.3020, 0.4026 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 14.8089, 0.3020, 0.4026 by changing the saturation by 10% instead.


 14.8089, 0.3020,
0.4026


 14.8089, 0.3020,
0.4026


222.2066, 0.3092,
0.3573


 8.6854, 0.2991,
0.4184


 34.5176, 0.3053,
0.3833


 4.5365, 0.2942,
0.4428

 48.8715, 0.3063,
0.3770

 1.9780, 0.2846,
0.4848

 66.7378, 0.3071,
0.3720

 0.5946, 0.1123,
0.8877

 88.5006, 0.3077,
0.3679

 0.0000, 0.0000,
0.0000

 114.5446, 0.3082,
0.3646

145.2539, 0.3086,

0.3618

181.0132, 0.3089,
0.3593

■ 14.8089, 0.3020,
0.4026

■ 14.8089, 0.3020,
0.4026

■ 14.2108, 0.2989,
0.4305

■ 15.5163, 0.3053,
0.3768

■ 13.7148, 0.2963,
0.4600

■ 16.3361, 0.3087,
0.3535

■ 13.3155, 0.2944,
0.4898


■ 17.2736, 0.3121,
0.3327

■ 13.0067, 0.2933,
0.5186

■ 18.3333, 0.3153,
0.3144

■ 12.7811, 0.2932,
0.5447

■ 19.5193, 0.3184,
0.2983

 12.6302, 0.2941,
0.5664

 20.8356, 0.3214,
0.2844

 12.5384, 0.2946,
0.5807

 22.2860, 0.3241,
0.2722

 23.8742, 0.3266,
0.2617

 25.6038, 0.3290,
0.2525

Harmonies

Analogous

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



14.8089, 0.3504, 0.4180



14.8089, 0.3020, 0.4026



14.8089, 0.2587, 0.3616

Triad

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



14.8089, 0.3020, 0.4026



14.8089, 0.2376, 0.2536



14.8089, 0.4017, 0.3349

Complementary

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



14.8089, 0.3020, 0.4026



10.4294, 0.3258, 0.2652

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.



14.8089, 0.3667, 0.2976



14.8089, 0.3020, 0.4026



14.8089, 0.2707, 0.2524

Square

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



14.8089, 0.3020, 0.4026



14.8089, 0.2237, 0.2740



14.8089, 0.3176, 0.2683



14.8089, 0.4101, 0.3735

Rectangle

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



14.8089, 0.3020, 0.4026



14.8089, 0.2380, 0.3286



14.8089, 0.3176, 0.2683



14.8089, 0.3925, 0.3219

Sweetspot

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



14.8095, 0.3020, 0.4026



28.9717, 0.3093, 0.3498



16.4004, 0.3504, 0.4064



6.8700, 0.3089, 0.3523



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.



14.8095, 0.3020, 0.4026



25.2687, 0.2998, 0.4221



15.1340, 0.2825, 0.3587



4.1070, 0.3097, 0.3473



14.0675, 0.2948, 0.5814



68.4660, 0.2966, 0.5879

Inverse Universe

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



10.4294, 0.3258, 0.2652



16.3329, 0.3293, 0.2511



10.0753, 0.3568, 0.3014



3.7482, 0.3159, 0.3114



5.1369, 0.3649, 0.1784



24.9266, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 14.8089, 0.3020, 0.4026 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 14.8089, 0.3020, 0.4026 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 14.8089, 0.3020, 0.4026

Background



This preview shows how black text looks on a background with the Yxy color 14.8089, 0.3020, 0.4026.



This preview shows how white text looks on a background with the Yxy color 14.8089, 0.3020, 0.4026.

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

14.8089, 0.3020, 0.4026

Protanopia

14.7543, 0.3590, 0.3835

Deuteranopia

14.6902, 0.3649, 0.3592



Tritanopia

14.7034, 0.2716, 0.3093

Trichromacy



Original Color

14.8089, 0.3020, 0.4026

Protanomaly

14.5858, 0.3372, 0.3910

Deuteranomaly

14.6014, 0.3401, 0.3744

Tritanomaly

14.7108, 0.2824, 0.3425

Monochromacy



Original Color

14.8089, 0.3020, 0.4026

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4614, 0.3088, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8089, 0.3020, 0.4026 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(79, 116, 85)` looks like.

```
.text, #text, p{  
  color:rgb(79, 116, 85)  
}
```

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(79, 116, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 116, 85) }
```

Border

The CSS property to change the border of an element to Yxy 14.8089, 0.3020, 0.4026 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(79, 116, 85) }
```

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

```
.border{ border-color:rgb(79, 116, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 116, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 116, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 116, 85);  
box-shadow:4px 4px 4px 4px rgb(79, 116,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8089, 0.3020, 0.4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 116, 85) }
```

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

```
.background{ background-color: rgb(79, 116,  
85) }
```

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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