

Converting Colors

$Yxy(14.3984, 0.3033, 0.3669)$

Have a look what the booklet for
Yxy(14.3984, 0.3033, 0.3669)
contains.

Yxy(14.3189, 0.3032, 0.3657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.3189, 0.3032, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	596F5F
RGB	89, 111, 95
RGB Percent	35%, 44%, 37%
CMY	0.6509, 0.5647, 0.6275
CMYK	0.20, 0.00, 0.14, 0.56
HSL	136°, 11%, 39%
HSV	136°, 20%, 44%
XYZ	11.8717, 14.3189, 12.9641
YIQ	102.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

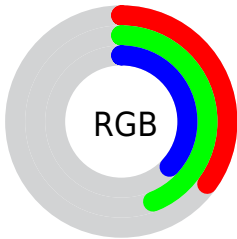
Format	Color
R _Y B	89, 106, 111
Decimal	5861215
CIE Lab	44.69, -11.65, 6.24
CIE LCh	45, 13.212, 151.813
Yxy	14.3189, 0.3032, 0.3657
Android (android.graphics.Color)	4284051295 (0xFF596F5F)
YUV	102.5980, -3.7458, -11.9254
Hunter-Lab	37.8403, -10.2194, 6.1754

Details

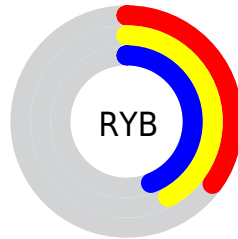
The Yxy color **14.3189, 0.3032, 0.3657** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5493, 0.3238, 0.2949**, and the grayscale version is **13.4651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7277, 0.3058, 0.3574**, and **4.2904, 0.2978, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **13.6715, 0.2986, 0.3874**, and if you desaturate by 10%, it is **15.0656, 0.3080, 0.3461**.

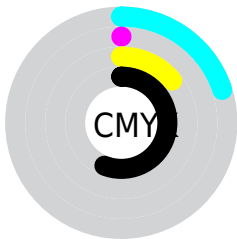
Distribution



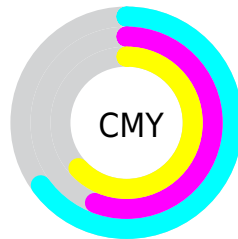
- Red (35%)
- Green (44%)
- Blue (37%)



- Red (35%)
- Yellow (42%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (56%)





- Cyan (65%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3189, 0.3032, 0.3657 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 14.3189, 0.3032, 0.3657 by changing the saturation by 10% instead.


 14.3189, 0.3032,
0.3657


 14.3189, 0.3032,
0.3657


219.2058, 0.3091,
0.3433


 8.3428, 0.3011,
0.3734


 33.6538, 0.3057,
0.3563


 4.3151, 0.2978,
0.3851

 47.7814, 0.3065,
0.3532

 1.8513, 0.2921,
0.4052

 65.3949, 0.3072,
0.3507

 0.5189, 0.2439,
0.6059

 86.8788, 0.3077,
0.3487

 0.0000, 0.0000,
0.0000

 112.6175, 0.3082,
0.3470

142.9953, 0.3085,

0.3456

178.3966, 0.3088,
0.3444

■ 14.3189, 0.3032,
0.3657

■ 14.3189, 0.3032,
0.3657

■ 13.6715, 0.2986,
0.3874

■ 15.0656, 0.3080,
0.3461

■ 13.1174, 0.2943,
0.4111

■ 15.9137, 0.3128,
0.3287

■ 12.6527, 0.2907,
0.4363

■ 16.8674, 0.3175,
0.3132

■ 12.2727, 0.2879,
0.4626

■ 17.9304, 0.3221,
0.2996

■ 11.9721, 0.2862,
0.4890

■ 19.1058, 0.3265,
0.2877

■ 11.7448, 0.2859,
0.5144

■ 20.3970, 0.3306,
0.2773

■ 11.5841, 0.2870,
0.5376

■ 21.8070, 0.3345,
0.2682

■ 11.4650, 0.2885,
0.5581

■ 23.3387, 0.3381,
0.2603

■ 11.4626, 0.2885,
0.5585

■ 24.9950, 0.3415,
0.2533

Harmonies

Analogous

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



14.3189, 0.3306, 0.3772



14.3189, 0.3032, 0.3657



14.3189, 0.2791, 0.3430

Triad

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



14.3189, 0.3032, 0.3657



14.3189, 0.2721, 0.2849



14.3189, 0.3638, 0.3374

Complementary

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



14.3189, 0.3032, 0.3657



11.5493, 0.3238, 0.2949

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.



14.3189, 0.3467, 0.3147



14.3189, 0.3032, 0.3657



14.3189, 0.2933, 0.2852

Square

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



14.3189, 0.3032, 0.3657



14.3189, 0.2617, 0.2960



14.3189, 0.3206, 0.2960



14.3189, 0.3664, 0.3591

Rectangle

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



14.3189, 0.3032, 0.3657



14.3189, 0.2679, 0.3255



14.3189, 0.3206, 0.2960



14.3189, 0.3595, 0.3297

Sweetspot

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



14.3195, 0.3032, 0.3657



27.5091, 0.3097, 0.3395



15.1014, 0.3324, 0.3766



6.5923, 0.3095, 0.3404



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.3195, 0.3032, 0.3657



25.0577, 0.3009, 0.3760



14.5312, 0.2905, 0.3404



3.7767, 0.3084, 0.3447



13.5043, 0.2889, 0.5599



67.1437, 0.2914, 0.5689

Inverse Universe

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



11.5493, 0.3238, 0.2949



19.0781, 0.3271, 0.2862



11.3397, 0.3408, 0.3179



3.4387, 0.3174, 0.3138



4.6750, 0.4005, 0.1980



23.1383, 0.4059, 0.2010

Previews

White Background



This preview shows how the Yxy color 14.3189, 0.3032, 0.3657 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 14.3189, 0.3032, 0.3657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

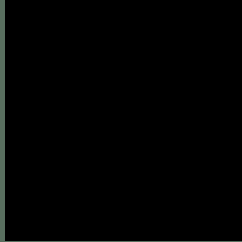
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3189, 0.3032, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 14.3189, 0.3032, 0.3657.



This preview shows how white text looks on a background with the Yxy color 14.3189, 0.3032, 0.3657.

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

14.3189, 0.3032, 0.3657

Protanopia

14.1909, 0.3374, 0.3569

Deuteranopia

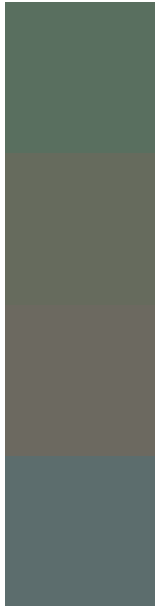
14.2877, 0.3448, 0.3393



Tritanopia

14.3366, 0.2825, 0.3094

Trichromacy



Original Color

14.3189, 0.3032, 0.3657

Protanomaly

14.1305, 0.3238, 0.3600

Deuteranomaly

14.1358, 0.3290, 0.3484

Tritanomaly

14.3167, 0.2905, 0.3289

Monochromacy



Original Color

14.3189, 0.3032, 0.3657

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8248, 0.3093, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3189, 0.3032, 0.3657 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(89, 111, 95) looks like.

```
.text, #text, p{  
    color:rgb(89, 111, 95)  
}
```

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(89, 111, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 111, 95) }
```

Border

The CSS property to change the border of an element to Yxy 14.3189, 0.3032, 0.3657 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(89, 111, 95) }
```

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

```
.border{ border-color:rgb(89, 111, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 111, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 111, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 111, 95);  
box-shadow:4px 4px 4px 4px rgb(89, 111,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3189, 0.3032, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 111, 95) }
```

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

```
.background{ background-color: rgb(89, 111,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor