

Converting Colors

$Y_{xy}(14.6012, 0.3916, 0.3616)$

Have a look what the booklet for
Yxy(14.6012, 0.3916, 0.3616)
contains.

Yxy(14.6012, 0.3916, 0.3616)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6012, 0.3916, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	866352
RGB	134, 99, 82
RGB Percent	53%, 39%, 32%
CMY	0.4746, 0.6117, 0.6785
CMYK	0.00, 0.26, 0.39, 0.47
HSL	20°, 24%, 42%
HSV	20°, 39%, 53%
XYZ	15.8126, 14.6012, 9.9656
YIQ	107.5270, 26.3170, 2.1330

Conversions

Conversions Part 2

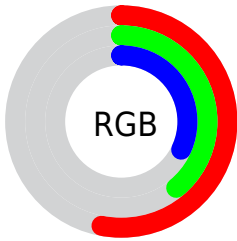
Format	Color
R_{YB}	134, 107, 82
Decimal	8807250
CIE _{Lab}	45.08, 11.71, 15.18
CIE _{LCh}	45, 19.172, 52.370
Yxy	14.6012, 0.3916, 0.3616
Android (android.graphics.Color)	4286997330 (0xFF866352)
YUV	107.5270, -12.5848, 23.2168
Hunter-Lab	38.2115, 6.9962, 11.2851

Details

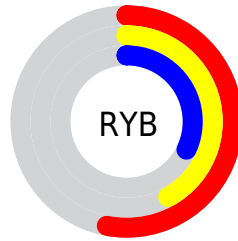
The Yxy color **14.6012, 0.3916, 0.3616** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.2236, 0.2557, 0.2934**, and the grayscale version is **14.8872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1428, 0.3721, 0.3554**, and **4.4286, 0.4313, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **12.8043, 0.4202, 0.3699**, and if you desaturate by 10%, it is **16.6298, 0.3666, 0.3529**.

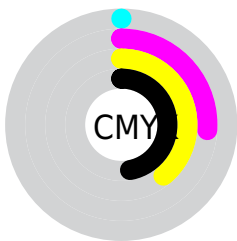
Distribution



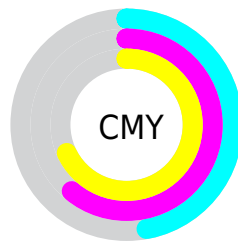
- Red (53%)
- Green (39%)
- Blue (32%)



- Red (53%)
- Yellow (42%)
- Blue (32%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (47%)



- Cyan (47%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6012, 0.3916, 0.3616 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 14.6012, 0.3916, 0.3616 by changing the saturation by 10% instead.


 14.6012, 0.3916,
0.3616


 14.6012, 0.3916,
0.3616


220.9395, 0.3443,
0.3434


 8.5400, 0.4071,
0.3666


 34.1520, 0.3720,
0.3546


 4.4424, 0.4298,
0.3732

 48.4104, 0.3654,
0.3520

 1.9240, 0.4673,
0.3824

 66.1700, 0.3602,
0.3500

 0.5627, 0.5932,
0.4068

 87.8152, 0.3558,
0.3482

 0.0000, 0.0000,
0.0000

 113.7303, 0.3522,
0.3467

144.2998, 0.3492,

0.3455

179.9081, 0.3466,
0.3444

■ 14.6012, 0.3916,
0.3616

■ 14.6012, 0.3916,
0.3616

■ 12.8043, 0.4202,
0.3699

■ 16.6298, 0.3666,
0.3529

■ 11.2284, 0.4520,
0.3769

■ 18.8961, 0.3450,
0.3442

■ 9.8651, 0.4860,
0.3818

■ 21.4085, 0.3266,
0.3359

■ 8.7047, 0.5205,
0.3834

■ 24.1742, 0.3110,
0.3281

■ 7.7362, 0.5527,
0.3807

■ 27.2003, 0.2976,
0.3208

■ 6.9434, 0.5812,
0.3746

■ 30.4934, 0.2863,
0.3142

■ 6.8585, 0.5847,
0.3740

■ 34.0601, 0.2766,
0.3081

■ 37.9065, 0.2682,
0.3025

■ 42.0387, 0.2611,
0.2974

Harmonies

Analogous

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



14.6012, 0.3810, 0.3296



14.6012, 0.3916, 0.3616



14.6012, 0.3795, 0.3879

Triad

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



14.6012, 0.3916, 0.3616



14.6012, 0.2740, 0.3609



14.6012, 0.2738, 0.2654

Complementary

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



14.6012, 0.3916, 0.3616



16.2236, 0.2557, 0.2934

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.



14.6012, 0.2486, 0.2692



14.6012, 0.3916, 0.3616



14.6012, 0.2486, 0.3223

Square

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



14.6012, 0.3916, 0.3616



14.6012, 0.3107, 0.3906



14.6012, 0.2397, 0.2890



14.6012, 0.3108, 0.2764

Rectangle

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



14.6012, 0.3916, 0.3616



14.6012, 0.3610, 0.3981



14.6012, 0.2397, 0.2890



14.6012, 0.2638, 0.2649

Sweetspot

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



14.6019, 0.3916, 0.3616



36.1531, 0.3327, 0.3387



12.3956, 0.3421, 0.2637



8.0394, 0.3346, 0.3396



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.



14.6019, 0.3916, 0.3616



22.7987, 0.4179, 0.3693



20.2011, 0.3744, 0.4064



4.9195, 0.3272, 0.3362



6.4484, 0.5842, 0.3744



0.0346, 0.5118, 0.4319

Inverse Universe

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



16.2236, 0.2557, 0.2934



26.0789, 0.2431, 0.2833



11.0854, 0.2475, 0.2372



5.0286, 0.2992, 0.3217



8.5029, 0.1949, 0.2216



0.0428, 0.2100, 0.2759

Previews

White Background



This preview shows how the Yxy color 14.6012, 0.3916, 0.3616 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 14.6012, 0.3916, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

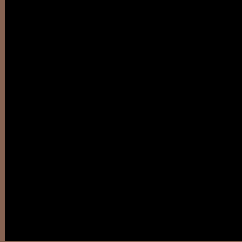
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6012, 0.3916, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 14.6012, 0.3916, 0.3616.



This preview shows how white text looks on a background with the Yxy color 14.6012, 0.3916, 0.3616.

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

14.6012, 0.3916, 0.3616

Protanopia

14.7647, 0.3507, 0.3732

Deuteranopia

14.7302, 0.3781, 0.3728



Tritanopia

14.5793, 0.3639, 0.3161

Trichromacy



Original Color

14.6012, 0.3916, 0.3616

Protanomaly

14.6215, 0.3642, 0.3678

Deuteranomaly

14.7640, 0.3834, 0.3702

Tritanomaly

14.5265, 0.3743, 0.3330

Monochromacy



Original Color

14.6012, 0.3916, 0.3616

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7859, 0.3380, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6012, 0.3916, 0.3616 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, 99, 82)` looks like.

```
.text, #text, p{  
  color:rgb(134, 99, 82)  
}
```

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, 99, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 99, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.6012, 0.3916, 0.3616 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, 99, 82) }
```

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

```
.border{ border-color:rgb(134, 99, 82) }
```

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

Here you see how a box with a 4 pixel rgb(134, 99, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 99, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 99, 82);  
box-shadow:4px 4px 4px 4px rgb(134, 99,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6012, 0.3916, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 99, 82) }
```

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

```
.background{ background-color: rgb(134, 99,  
82) }
```

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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