

Converting Colors

$Yxy(14.8327, 0.2838, 0.3663)$

Have a look what the booklet for
Yxy(14.8327, 0.2838, 0.3663)
contains.

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Color

Yxy(14.7401, 0.2845, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	4D7363
RGB	77, 115, 99
RGB Percent	30%, 45%, 39%
CMY	0.6979, 0.5490, 0.6118
CMYK	0.33, 0.00, 0.14, 0.55
HSL	155°, 20%, 38%
HSV	155°, 33%, 45%
XYZ	11.4453, 14.7401, 14.0441
YIQ	101.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

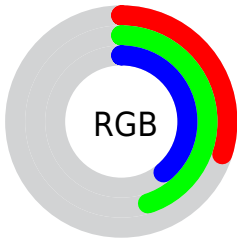
Format	Color
RYB	77, 101, 115
Decimal	5075811
CIELab	45.28, -17.21, 4.60
CIElCh	45, 17.818, 165.048
Yxy	14.7401, 0.2845, 0.3664
Android (android.graphics.Color)	4283265891 (0xFF4D7363)
YUV	101.8140, -1.3873, -21.7619
Hunter-Lab	38.3928, -13.9748, 5.1867

Details

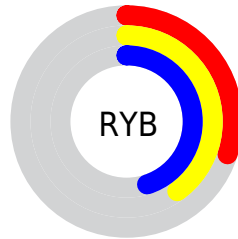
The Yxy color **14.7401, 0.2845, 0.3664** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.7487, 0.3538, 0.2947**, and the grayscale version is **13.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3515, 0.2911, 0.3562**, and **4.5474, 0.2697, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **14.2137, 0.2773, 0.3800**, and if you desaturate by 10%, it is **15.3579, 0.2925, 0.3538**.

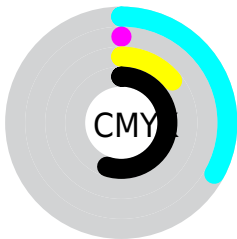
Distribution



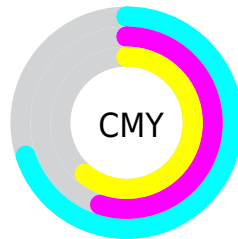
- Red (30%)
- Green (45%)
- Blue (39%)



- Red (30%)
- Yellow (40%)
- Blue (45%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (55%)





- Cyan (70%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7401, 0.2845, 0.3664 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 14.7401, 0.2845, 0.3664 by changing the saturation by 10% instead.


 14.7401, 0.2845,
0.3664


 14.7401, 0.2845,
0.3664


221.7877, 0.3015,
0.3437


 8.6372, 0.2788,
0.3741


 34.3966, 0.2916,
0.3569


 4.5053, 0.2703,
0.3859

 48.7190, 0.2940,
0.3537


 1.9600, 0.2560,
0.4058

 66.5499, 0.2958,
0.3512

 0.5841, 0.1305,
0.5651

 88.2739, 0.2974,
0.3491

 0.0000, 0.0000,
0.0000

 114.2753, 0.2987,
0.3474

144.9384, 0.2998,

0.3460

180.6478, 0.3007,
0.3448

■ 14.7401, 0.2845,
0.3664

■ 14.7401, 0.2845,
0.3664

■ 14.2137, 0.2773,
0.3800

■ 15.3579, 0.2925,
0.3538

■ 13.7722, 0.2712,
0.3944

■ 16.0695, 0.3011,
0.3423

■ 13.4114, 0.2665,
0.4096

■ 16.8795, 0.3100,
0.3319

■ 13.1258, 0.2633,
0.4252

■ 17.7915, 0.3190,
0.3226

■ 12.9092, 0.2620,
0.4409

■ 18.8091, 0.3281,
0.3142

■ 12.7535, 0.2625,
0.4565

■ 19.9356, 0.3369,
0.3068

■ 12.6601, 0.2631,
0.4673

■ 21.1743, 0.3456,
0.3003

■ 22.5281, 0.3540,
0.2946

■ 24.0002, 0.3620,
0.2895

Harmonies

Analogous

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



14.7401, 0.3200, 0.3899



14.7401, 0.2845, 0.3664



14.7401, 0.2576, 0.3317

Triad

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



14.7401, 0.2845, 0.3664



14.7401, 0.2696, 0.2693



14.7401, 0.3853, 0.3525

Complementary

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



14.7401, 0.2845, 0.3664



9.7487, 0.3538, 0.2947

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.



14.7401, 0.3704, 0.3225



14.7401, 0.2845, 0.3664



14.7401, 0.3020, 0.2763

Square

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



14.7401, 0.2845, 0.3664



14.7401, 0.2495, 0.2767



14.7401, 0.3393, 0.2953



14.7401, 0.3792, 0.3788

Rectangle

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



14.7401, 0.2845, 0.3664



14.7401, 0.2475, 0.3088



14.7401, 0.3393, 0.2953



14.7401, 0.3826, 0.3426

Sweetspot

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



14.7407, 0.2845, 0.3664



29.1580, 0.3035, 0.3394



15.1496, 0.3297, 0.4150



6.9188, 0.3025, 0.3406



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.



14.7407, 0.2845, 0.3664



25.6265, 0.2786, 0.3772



14.5085, 0.2674, 0.3231



4.1304, 0.3046, 0.3381



14.4698, 0.2634, 0.4683



70.3392, 0.2656, 0.4763

Inverse Universe

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



9.7487, 0.3538, 0.2947



15.1374, 0.3679, 0.2861



9.8553, 0.3820, 0.3347



3.7241, 0.3216, 0.3201



4.4112, 0.5206, 0.2641



21.3329, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 14.7401, 0.2845, 0.3664 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 14.7401, 0.2845, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

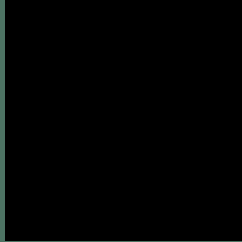
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7401, 0.2845, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 14.7401, 0.2845, 0.3664.



This preview shows how white text looks on a background with the Yxy color 14.7401, 0.2845, 0.3664.

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

14.7401, 0.2845, 0.3664

Protanopia

14.5790, 0.3359, 0.3522

Deuteranopia

14.5620, 0.3387, 0.3331



Tritanopia

14.7627, 0.2665, 0.3091

Trichromacy



Original Color

14.7401, 0.2845, 0.3664

Protanomaly

14.4345, 0.3154, 0.3578

Deuteranomaly

14.3785, 0.3176, 0.3442

Tritanomaly

14.7080, 0.2727, 0.3289

Monochromacy



Original Color

14.7401, 0.2845, 0.3664

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.7821, 0.3012, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7401, 0.2845, 0.3664 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(77, 115, 99)` looks like.

```
.text, #text, p{  
    color:rgb(77, 115, 99)  
}
```

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(77, 115, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 115, 99) }
```

Border

The CSS property to change the border of an element to Yxy 14.7401, 0.2845, 0.3664 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(77, 115, 99) }
```

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

```
.border{ border-color:rgb(77, 115, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 115, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 115, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 115, 99);  
box-shadow:4px 4px 4px 4px rgb(77, 115,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7401, 0.2845, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 115, 99) }
```

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

```
.background{ background-color: rgb(77, 115,  
99) }
```

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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