

Converting Colors

$Y_{xy}(14.1268, 0.2777, 0.4049)$

Have a look what the booklet for
Yxy(14.1268, 0.2777, 0.4049)
contains.

Yxy(14.0325, 0.2774, 0.4050)	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(14.0325, 0.2774, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	397456
RGB	57, 116, 86
RGB Percent	22%, 45%, 34%
CMY	0.7765, 0.5451, 0.6628
CMYK	0.51, 0.00, 0.26, 0.55
HSL	149°, 34%, 34%
HSV	149°, 51%, 45%
XYZ	9.6114, 14.0325, 11.0043
YIQ	94.9390, -25.5340, -21.8380

Conversions

Conversions Part 2

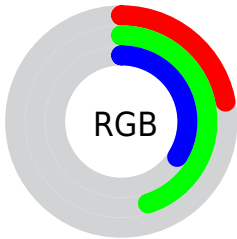
Format	Color
RYB	57, 97, 116
Decimal	3765334
CIELab	44.28, -26.88, 10.77
CIELCh	44, 28.958, 158.166
Yxy	14.0325, 0.2774, 0.4050
Android (android.graphics.Color)	4281955414 (0xFF397456)
YUV	94.9390, -4.4069, -33.2725
Hunter-Lab	37.4600, -19.7558, 8.8049

Details

The Yxy color **14.0325, 0.2774, 0.4050** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7.3260, 0.3764, 0.2655**, and the grayscale version is **11.4428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.9710, 0.2865, 0.3836**, and **4.1744, 0.2572, 0.4461** is the 20% darker color. If you saturate the color by 10%, you get **13.6391, 0.2731, 0.4234**, and if you desaturate by 10%, it is **14.5128, 0.2830, 0.3875**.

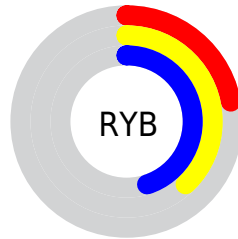
Distribution



Red (22%)

Green (45%)

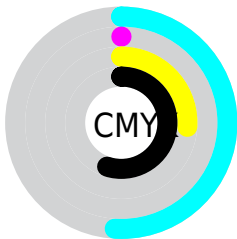
Blue (34%)



Red (22%)

Yellow (38%)

Blue (45%)

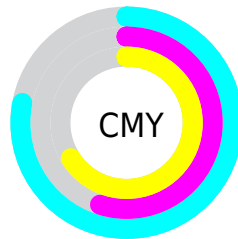


Cyan (51%)

Magenta (0%)

Yellow (26%)

Black (55%)



Cyan (78%)


Magenta (55%)


Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0325, 0.2774, 0.4050 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 14.0325, 0.2774, 0.4050 by changing the saturation by 10% instead.


 14.0325, 0.2774,
0.4050


 14.0325, 0.2774,
0.4050


 217.4329, 0.2994,
0.3577


 8.1433, 0.2695,
0.4219


 33.1467, 0.2869,
0.3847


 4.1868, 0.2573,
0.4483

 47.1404, 0.2899,
0.3781


 1.7786, 0.2355,
0.4950

 64.6045, 0.2923,
0.3729

 0.4738, 0.0000,
1.0000

 85.9232, 0.2943,
0.3687

 0.0000, 0.0000,
0.0000

 111.4810, 0.2959,
0.3652

 141.6623, 0.2972,

0.3623

176.8515, 0.2984,
0.3598

■ 14.0325, 0.2774,
0.4050

■ 14.0325, 0.2774,
0.4050

■ 13.6391, 0.2731,
0.4234

■ 14.5128, 0.2830,
0.3875

■ 13.3254, 0.2703,
0.4424

■ 15.0833, 0.2895,
0.3711

■ 13.0856, 0.2692,
0.4614

■ 15.7494, 0.2966,
0.3561

■ 12.9124, 0.2699,
0.4801

■ 16.5152, 0.3042,
0.3424

■ 12.7875, 0.2713,
0.4967

■ 17.3849, 0.3120,
0.3300

■ 18.3622, 0.3199,
0.3190

■ 19.4509, 0.3276,
0.3092

■ 20.6543, 0.3352,
0.3006

■ 21.9758, 0.3425,
0.2930

Harmonies

Analogous

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



14.0325, 0.3357, 0.4375



14.0325, 0.2774, 0.4050



14.0325, 0.2314, 0.3457

Triad

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



14.0325, 0.2774, 0.4050



14.0325, 0.2340, 0.2349



14.0325, 0.4305, 0.3520

Complementary

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



14.0325, 0.2774, 0.4050



7.3260, 0.3764, 0.2655

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.



14.0325, 0.3984, 0.3062



14.0325, 0.2774, 0.4050



14.0325, 0.2808, 0.2419

Square

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



14.0325, 0.2774, 0.4050



14.0325, 0.2089, 0.2495



14.0325, 0.3414, 0.2673



14.0325, 0.4265, 0.3973

Rectangle

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



14.0325, 0.2774, 0.4050



14.0325, 0.2128, 0.3054



14.0325, 0.3414, 0.2673



14.0325, 0.4236, 0.3364

Sweetspot

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



14.0331, 0.2774, 0.4050



28.4000, 0.3008, 0.3484



14.8365, 0.3430, 0.4644



6.7218, 0.2995, 0.3506



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.



14.0331, 0.2774, 0.4050



23.8716, 0.2725, 0.4265



14.5996, 0.2501, 0.3311



4.1254, 0.3056, 0.3400



14.3454, 0.2716, 0.4976



69.7348, 0.2741, 0.5068

Inverse Universe

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



7.3260, 0.3764, 0.2655



10.6485, 0.3989, 0.2532



6.9431, 0.4445, 0.3273



3.7290, 0.3204, 0.3183



4.5173, 0.4851, 0.2446



21.8398, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 14.0325, 0.2774, 0.4050 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 14.0325, 0.2774, 0.4050 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 14.0325, 0.2774, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 14.0325, 0.2774, 0.4050.



This preview shows how white text looks on a background with the Yxy color 14.0325, 0.2774, 0.4050.

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

14.0325, 0.2774, 0.4050

Protanopia

13.8593, 0.3559, 0.3808

Deuteranopia

13.8287, 0.3588, 0.3518



Tritanopia

13.8832, 0.2513, 0.3081

Trichromacy



Original Color

14.0325, 0.2774, 0.4050

Protanomaly

13.5585, 0.3221, 0.3900

Deuteranomaly

13.5540, 0.3234, 0.3701

Tritanomaly

13.9497, 0.2605, 0.3408

Monochromacy



Original Color

14.0325, 0.2774, 0.4050

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.2225, 0.2963, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0325, 0.2774, 0.4050 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(57, 116, 86)` looks like.

```
.text, #text, p{  
    color:rgb(57, 116, 86)  
}
```

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(57, 116, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 116, 86) }
```

Border

The CSS property to change the border of an element to Yxy 14.0325, 0.2774, 0.4050 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(57, 116, 86) }
```

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

```
.border{ border-color:rgb(57, 116, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 116, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 116, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 116, 86);  
box-shadow:4px 4px 4px 4px rgb(57, 116,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0325, 0.2774, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 116, 86) }
```

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

```
.background{ background-color: rgb(57, 116,  
86) }
```

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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