

Converting Colors

$Yxy(14.0760, 0.2553, 0.3937)$

Have a look what the booklet for
Yxy(14.0760, 0.2553, 0.3937)
contains.

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Color

Yxy(14.1045, 0.2552, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	23765D
RGB	35, 118, 93
RGB Percent	14%, 46%, 36%
CMY	0.8626, 0.5372, 0.6354
CMYK	0.70, 0.00, 0.21, 0.54
HSL	162°, 54%, 30%
HSV	162°, 70%, 46%
XYZ	9.1473, 14.1045, 12.5919
YIQ	90.3330, -41.4430, -25.3710

Conversions

Conversions Part 2

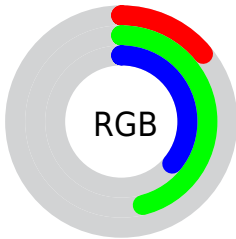
Format	Color
R_{YB}	35, 84, 118
Decimal	2324061
CIE _{Lab}	44.38, -31.14, 6.67
CIE _{LCh}	44, 31.841, 167.914
Yxy	14.1045, 0.2552, 0.3935
Android (android.graphics.Color)	4280514141 (0xFF23765D)
YUV	90.3330, 1.3148, -48.5270
Hunter-Lab	37.5560, -22.2466, 6.4102

Details

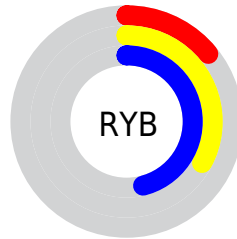
The Yxy color **14.1045, 0.2552, 0.3935** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5.3821, 0.4649, 0.2814**, and the grayscale version is **10.3087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3331, 0.2698, 0.3774**, and **4.4615, 0.2512, 0.4243** is the 20% darker color. If you saturate the color by 10%, you get **13.8705, 0.2525, 0.4045**, and if you desaturate by 10%, it is **14.4120, 0.2597, 0.3827**.

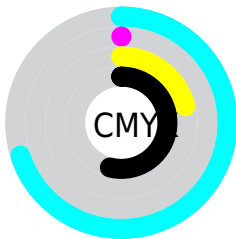
Distribution



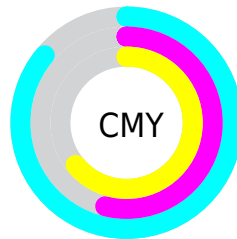
- Red (14%)
- Green (46%)
- Blue (36%)



- Red (14%)
- Yellow (33%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)





- Cyan (86%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1045, 0.2552, 0.3935 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 14.1045, 0.2552, 0.3935 by changing the saturation by 10% instead.


 14.1045, 0.2552,
0.3935


 14.1045, 0.2552,
0.3935


217.8800, 0.2901,
0.3537


 8.1934, 0.2434,
0.4074


 33.2743, 0.2698,
0.3765


 4.2189, 0.2257,
0.4290

 47.3018, 0.2747,
0.3710

 1.7968, 0.1956,
0.4666

 64.8036, 0.2785,
0.3666

 0.4852, 0.0000,
0.8864

 86.1640, 0.2817,
0.3631

 0.0000, 0.0000,
0.0000

 111.7674, 0.2843,
0.3601

 141.9983, 0.2865,

0.3577

177.2410, 0.2884,
0.3556

■ 14.1045, 0.2552,
0.3935

■ 14.1045, 0.2552,
0.3935

■ 13.8705, 0.2525,
0.4045

■ 14.4120, 0.2597,
0.3827

■ 13.7011, 0.2516,
0.4154

■ 14.7977, 0.2658,
0.3723

■ 13.5729, 0.2517,
0.4261

■ 15.2678, 0.2734,
0.3624

■ 15.8274, 0.2820,
0.3531

■ 16.4811, 0.2916,
0.3444

■ 17.2334, 0.3018,
0.3364

■ 18.0882, 0.3124,
0.3292

■ 19.0495, 0.3232,
0.3227

■ 20.1209, 0.3339,
0.3169

Harmonies

Analogous

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



14.1045, 0.3159, 0.4422



14.1045, 0.2552, 0.3935



14.1045, 0.2128, 0.3245

Triad

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



14.1045, 0.2552, 0.3935



14.1045, 0.2411, 0.2270



14.1045, 0.4448, 0.3694

Complementary

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



14.1045, 0.2552, 0.3935



5.3821, 0.4649, 0.2814

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.



14.1045, 0.4223, 0.3193



14.1045, 0.2552, 0.3935



14.1045, 0.2981, 0.2416

Square

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



14.1045, 0.2552, 0.3935



14.1045, 0.2061, 0.2344



14.1045, 0.3659, 0.2743



14.1045, 0.4272, 0.4166

Rectangle

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



14.1045, 0.2552, 0.3935



14.1045, 0.1988, 0.2836



14.1045, 0.3659, 0.2743



14.1045, 0.4418, 0.3526

Sweetspot

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



14.1051, 0.2552, 0.3935



28.8307, 0.2904, 0.3454



14.0805, 0.3273, 0.5282



6.5705, 0.2883, 0.3472



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.



14.1051, 0.2552, 0.3935



24.2031, 0.2517, 0.4108



11.3246, 0.2256, 0.2905



4.1374, 0.3031, 0.3355



14.6812, 0.2518, 0.4265



71.3864, 0.2534, 0.4323

Inverse Universe

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



5.3821, 0.4649, 0.2814



7.8070, 0.5196, 0.2821



6.2749, 0.5091, 0.3579



3.7174, 0.3233, 0.3226



4.2998, 0.5669, 0.2897



20.8184, 0.5803, 0.2970

Previews

White Background



This preview shows how the Yxy color 14.1045, 0.2552, 0.3935 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 14.1045, 0.2552, 0.3935 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 14.1045, 0.2552, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 14.1045, 0.2552, 0.3935.



This preview shows how white text looks on a background with the Yxy color 14.1045, 0.2552, 0.3935.

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

14.1045, 0.2552, 0.3935

Protanopia

13.8875, 0.3460, 0.3679

Deuteranopia

13.9523, 0.3421, 0.3374



Tritanopia

14.1177, 0.2367, 0.3078

Trichromacy



Original Color

14.1045, 0.2552, 0.3935

Protanomaly

13.4975, 0.3026, 0.3768

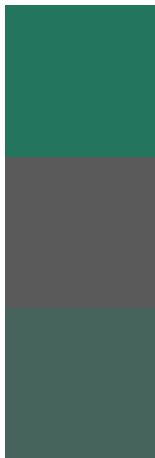
Deuteranomaly

13.3862, 0.2994, 0.3547

Tritanomaly

13.9668, 0.2429, 0.3361

Monochromacy



Original Color

14.1045, 0.2552, 0.3935

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

11.1718, 0.2828, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1045, 0.2552, 0.3935 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(35, 118, 93)` looks like.

```
.text, #text, p{  
    color:rgb(35, 118, 93)  
}
```

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(35, 118, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 118, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.1045, 0.2552, 0.3935 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(35, 118, 93) }
```

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

```
.border{ border-color:rgb(35, 118, 93) }
```

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

Here you see how a box with a 4 pixel rgb(35, 118, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 118, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 118, 93);  
box-shadow:4px 4px 4px 4px rgb(35, 118,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1045, 0.2552, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 118, 93) }
```

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

```
.background{ background-color: rgb(35, 118,  
93) }
```

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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