

Converting Colors

$Yxy(14.0824, 0.2645, 0.3887)$

Have a look what the booklet for
Yxy(14.0824, 0.2645, 0.3887)
contains.

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Color

Yxy(14.1910, 0.2650, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	32755D
RGB	50, 117, 93
RGB Percent	20%, 46%, 36%
CMY	0.8037, 0.5412, 0.6353
CMYK	0.57, 0.00, 0.21, 0.54
HSL	158°, 40%, 33%
HSV	158°, 57%, 46%
XYZ	9.6550, 14.1910, 12.5879
YIQ	94.2310, -32.2280, -21.6680

Conversions

Conversions Part 2

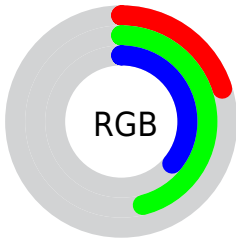
Format	Color
R _{YB}	50, 91, 117
Decimal	3306845
CIE Lab	44.51, -27.50, 6.89
CIE LCh	45, 28.354, 165.937
Yxy	14.1910, 0.2650, 0.3895
Android (android.graphics.Color)	4281496925 (0xFF32755D)
YUV	94.2310, -0.6069, -38.7906
Hunter-Lab	37.6709, -20.1750, 6.5577

Details

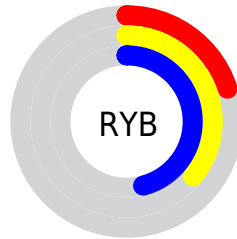
The Yxy color **14.1910, 0.2650, 0.3895** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.5633, 0.4131, 0.2790**, and the grayscale version is **11.2622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5574, 0.2772, 0.3748**, and **4.3395, 0.2502, 0.4209** is the 20% darker color. If you saturate the color by 10%, you get **13.8586, 0.2604, 0.4024**, and if you desaturate by 10%, it is **14.6047, 0.2711, 0.3771**.

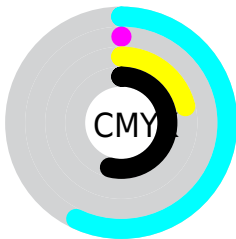
Distribution



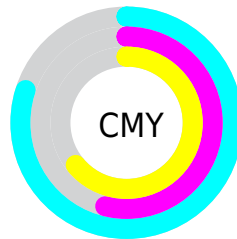
- Red (20%)
- Green (46%)
- Blue (36%)



- Red (20%)
- Yellow (36%)
- Blue (46%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)





- Cyan (80%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1910, 0.2650, 0.3895 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 14.1910, 0.2650, 0.3895 by changing the saturation by 10% instead.


 14.1910, 0.2650,
0.3895


 14.1910, 0.2650,
0.3895


218.4158, 0.2940,
0.3522


 8.2536, 0.2551,
0.4026


 33.4275, 0.2772,
0.3736


 4.2577, 0.2402,
0.4227

 47.4955, 0.2812,
0.3684


 1.8187, 0.2152,
0.4577

 65.0425, 0.2844,
0.3643

 0.4988, 0.0000,
0.8903

 86.4528, 0.2870,
0.3610

 0.0000, 0.0000,
0.0000

 112.1109, 0.2892,
0.3582

 142.4012, 0.2911,

0.3559

177.7080, 0.2926,
0.3539

■ 14.1910, 0.2650,
0.3895

■ 14.1910, 0.2650,
0.3895

■ 13.8586, 0.2604,
0.4024

■ 14.6047, 0.2711,
0.3771

■ 13.5997, 0.2576,
0.4156

■ 15.1033, 0.2785,
0.3654

■ 13.4082, 0.2565,
0.4288

■ 15.6923, 0.2869,
0.3544

■ 13.2676, 0.2570,
0.4420

■ 16.3762, 0.2960,
0.3443

■ 13.2303, 0.2571,
0.4457

■ 17.1591, 0.3056,
0.3351

■ 18.0450, 0.3155,
0.3268

■ 19.0377, 0.3255,
0.3193

■ 20.1407, 0.3354,
0.3126

■ 21.3572, 0.3451,
0.3068

Harmonies

Analogous

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



14.1910, 0.3202, 0.4300



14.1910, 0.2650, 0.3895



14.1910, 0.2250, 0.3296

Triad

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



14.1910, 0.2650, 0.3895



14.1910, 0.2458, 0.2368



14.1910, 0.4301, 0.3636

Complementary

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



14.1910, 0.2650, 0.3895



6.5633, 0.4131, 0.2790

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.



14.1910, 0.4074, 0.3181



14.1910, 0.2650, 0.3895



14.1910, 0.2962, 0.2487

Square

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



14.1910, 0.2650, 0.3895



14.1910, 0.2153, 0.2454



14.1910, 0.3564, 0.2775



14.1910, 0.4174, 0.4061

Rectangle

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



14.1910, 0.2650, 0.3895



14.1910, 0.2109, 0.2925



14.1910, 0.3564, 0.2775



14.1910, 0.4265, 0.3483

Sweetspot

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



14.1916, 0.2650, 0.3895



29.2975, 0.2958, 0.3445



14.4322, 0.3321, 0.4887



6.6917, 0.2944, 0.3460



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.



14.1916, 0.2650, 0.3895



24.6387, 0.2592, 0.4071



12.7040, 0.2393, 0.3071



4.1341, 0.3038, 0.3367



14.5753, 0.2573, 0.4463



70.8592, 0.2592, 0.4532

Inverse Universe

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



6.5633, 0.4131, 0.2790



9.5000, 0.4524, 0.2717



7.1390, 0.4618, 0.3479



3.7205, 0.3225, 0.3214



4.3477, 0.5457, 0.2780



21.0362, 0.5591, 0.2854

Previews

White Background



This preview shows how the Yxy color 14.1910, 0.2650, 0.3895 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 14.1910, 0.2650, 0.3895 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 14.1910, 0.2650, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 14.1910, 0.2650, 0.3895.



This preview shows how white text looks on a background with the Yxy color 14.1910, 0.2650, 0.3895.

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

14.1910, 0.2650, 0.3895

Protanopia

13.9683, 0.3461, 0.3656

Deuteranopia

14.0034, 0.3450, 0.3394



Tritanopia

14.1761, 0.2452, 0.3081

Trichromacy



Original Color

14.1910, 0.2650, 0.3895

Protanomaly

13.7824, 0.3105, 0.3757

Deuteranomaly

13.6688, 0.3087, 0.3564

Tritanomaly

14.0231, 0.2520, 0.3360

Monochromacy



Original Color

14.1910, 0.2650, 0.3895

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.9306, 0.2898, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1910, 0.2650, 0.3895 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(50, 117, 93)` looks like.

```
.text, #text, p{  
    color:rgb(50, 117, 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(50, 117, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 117, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.1910, 0.2650, 0.3895 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(50, 117, 93) }
```

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

```
.border{ border-color:rgb(50, 117, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 117, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 117, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 117, 93);  
box-shadow:4px 4px 4px 4px rgb(50, 117,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1910, 0.2650, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 117, 93) }
```

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

```
.background{ background-color: rgb(50, 117,  
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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