

Converting Colors

$Y_{xy}(24.5583, 0.3342, 0.4194)$

Have a look what the booklet for
Yxy(24.5583, 0.3342, 0.4194)
contains.

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Color

Yxy(24.6947, 0.3336, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	77905F
RGB	119, 144, 95
RGB Percent	47%, 56%, 37%
CMY	0.5333, 0.4353, 0.6275
CMYK	0.17, 0.00, 0.34, 0.44
HSL	91°, 21%, 47%
HSV	91°, 34%, 56%
XYZ	19.6474, 24.6947, 14.5530
YIQ	130.9390, 0.8290, -20.5390

Conversions

Conversions Part 2

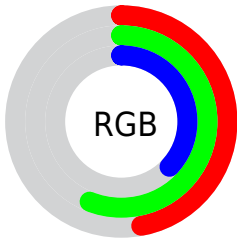
Format	Color
R_{YB}	95, 144, 120
Decimal	7835743
CIE Lab	56.78, -18.06, 23.22
CIE LCh	57, 29.414, 127.869
Yxy	24.6947, 0.3336, 0.4193
Android (android.graphics.Color)	4286025823 (0xFF77905F)
YUV	130.9390, -17.7179, -10.4705
Hunter-Lab	49.6938, -16.3906, 17.4224

Details

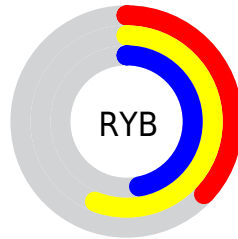
The Yxy color $24.6947, 0.3336, 0.4193$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $14.1857, 0.2845, 0.2393$, and the grayscale version is $22.7392, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.2341, 0.3300, 0.3988$, and $9.5209, 0.3388, 0.4568$ is the 20% darker color. If you saturate the color by 10%, you get $23.9582, 0.3385, 0.4485$, and if you desaturate by 10%, it is $25.5219, 0.3279, 0.3908$.

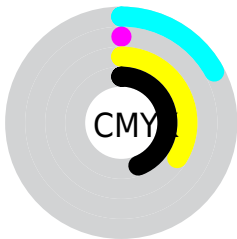
Distribution



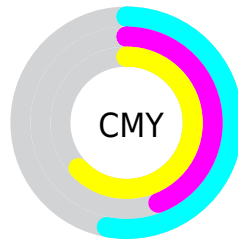
- Red (47%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (53%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6947, 0.3336, 0.4193 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 24.6947, 0.3336, 0.4193 by changing the saturation by 10% instead.

 24.6947, 0.3336,
0.4193


 24.6947, 0.3336,
0.4193


276.3141, 0.3232,
0.3677


 15.8497, 0.3359,
0.4347


 51.1615, 0.3300,
0.3988

 9.4179, 0.3384,
0.4563


 69.5521, 0.3286,
0.3916

 5.0147, 0.3407,
0.4883

 91.8935, 0.3273,
0.3858

 2.2559, 0.3489,
0.5533

 118.5699, 0.3263,
0.3810

 0.7502, 0.2663,
0.7337

149.9657, 0.3254,
0.3769

 0.0000, 0.0000,
0.0000

186.4655, 0.3246,

0.3734

228.4534, 0.3239,
0.3704

■ 24.6947, 0.3336,
0.4193

■ 24.6947, 0.3336,
0.4193

■ 23.9582, 0.3385,
0.4485

■ 25.5219, 0.3279,
0.3908

■ 23.3055, 0.3423,
0.4774

■ 26.4399, 0.3217,
0.3637

■ 22.7339, 0.3445,
0.5047


■ 27.4530, 0.3153,
0.3386

■ 22.2392, 0.3448,
0.5289


■ 28.5640, 0.3090,
0.3155


■ 21.8166, 0.3430,
0.5488


■ 29.7758, 0.3028,
0.2946

 21.4605, 0.3392,
0.5634

 31.0912, 0.2969,
0.2758

 21.2714, 0.3366,
0.5709

 32.5127, 0.2914,
0.2590

 34.0429, 0.2862,
0.2440

 35.6841, 0.2813,
0.2306

Harmonies

Analogous

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



24.6947, 0.3798, 0.4154



24.6947, 0.3336, 0.4193



24.6947, 0.2839, 0.3923

Triad

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



24.6947, 0.3336, 0.4193



24.6947, 0.2236, 0.2620



24.6947, 0.3843, 0.3098

Complementary

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



24.6947, 0.3336, 0.4193



14.1857, 0.2845, 0.2393

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.



24.6947, 0.3367, 0.2760



24.6947, 0.3336, 0.4193



24.6947, 0.2454, 0.2485

Square

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



24.6947, 0.3336, 0.4193



24.6947, 0.2230, 0.2955



24.6947, 0.2856, 0.2540



24.6947, 0.4116, 0.3496

Rectangle

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



24.6947, 0.3336, 0.4193



24.6947, 0.2556, 0.3613



24.6947, 0.2856, 0.2540



24.6947, 0.3700, 0.2975

Sweetspot

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



24.6958, 0.3336, 0.4193



47.2983, 0.3192, 0.3539



20.0663, 0.3751, 0.3722



10.7958, 0.3200, 0.3571



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.6958, 0.3336, 0.4193



42.5290, 0.3375, 0.4421



23.2047, 0.3081, 0.4267



6.1510, 0.3186, 0.3512



18.5372, 0.3370, 0.5706



0.1903, 0.3712, 0.5434

Inverse Universe

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



14.1857, 0.2845, 0.2393



21.0308, 0.2761, 0.2168



16.1243, 0.3165, 0.2474



5.3816, 0.3064, 0.3068



3.0147, 0.2067, 0.0912



0.0419, 0.2551, 0.1179

Previews

White Background



This preview shows how the Yxy color 24.6947, 0.3336, 0.4193 looks on a white 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

Black Background



This preview shows how the Yxy color 24.6947, 0.3336, 0.4193 looks on a black 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

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

Yxy 24.6947, 0.3336, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 24.6947, 0.3336, 0.4193.



This preview shows how white text looks on a background with the Yxy color 24.6947, 0.3336, 0.4193.

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

24.6947, 0.3336, 0.4193

Protanopia

24.5841, 0.3731, 0.4029

Deuteranopia

24.4242, 0.3872, 0.3800



Tritanopia

24.5415, 0.2912, 0.3102

Trichromacy



Original Color

24.6947, 0.3336, 0.4193

Protanomaly

24.5739, 0.3584, 0.4091

Deuteranomaly

24.3020, 0.3670, 0.3933

Tritanomaly

24.6262, 0.3064, 0.3485

Monochromacy



Original Color

24.6947, 0.3336, 0.4193

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.4284, 0.3213, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6947, 0.3336, 0.4193 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(119, 144, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 95)  
}
```

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(119, 144, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.6947, 0.3336, 0.4193 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(119, 144, 95) }
```

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

```
.border{ border-color:rgb(119, 144, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 144, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 144, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 144, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 144,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6947, 0.3336, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 95) }
```

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

```
.background{ background-color: rgb(119,  
144, 95) }
```

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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