

Converting Colors

$Yxy(26.4462, 0.3165, 0.4641)$

Have a look what the booklet for
Yxy(26.4462, 0.3165, 0.4641)
contains.

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Color

Yxy(26.5157, 0.3159, 0.4643)

Conversions

Conversions Part 1

Format	Color
Hex	5F9B54
RGB	95, 155, 84
RGB Percent	37%, 61%, 33%
CMY	0.6274, 0.3921, 0.6706
CMYK	0.39, 0.00, 0.46, 0.39
HSL	111°, 30%, 47%
HSV	111°, 46%, 61%
XYZ	18.0407, 26.5157, 12.5526
YIQ	128.9660, -12.9690, -34.8010

Conversions

Conversions Part 2

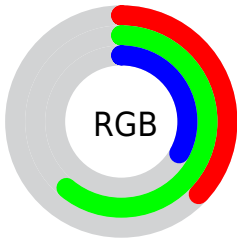
Format	Color
RYB	84, 155, 144
Decimal	6265684
CIELab	58.52, -33.87, 31.15
CIElCh	59, 46.018, 137.399
Yxy	26.5157, 0.3159, 0.4643
Android (android.graphics.Color)	4284455764 (0xFF5F9B54)
YUV	128.9660, -22.1682, -29.7882
Hunter-Lab	51.4934, -27.5759, 21.5922

Details

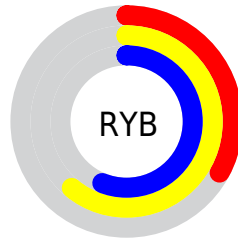
The Yxy color **26.5157, 0.3159, 0.4643** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.6346, 0.3029, 0.2153**, and the grayscale version is **22.0234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1384, 0.3169, 0.4329**, and **10.3415, 0.3106, 0.5211** is the 20% darker color. If you saturate the color by 10%, you get **25.6568, 0.3153, 0.4977**, and if you desaturate by 10%, it is **27.5485, 0.3159, 0.4310**.

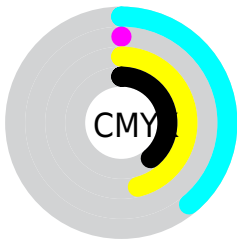
Distribution



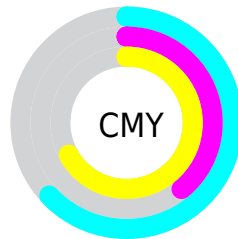
- Red (37%)
- Green (61%)
- Blue (33%)



- Red (33%)
- Yellow (61%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (46%)
- Black (39%)





- Cyan (63%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5157, 0.3159, 0.4643 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 26.5157, 0.3159, 0.4643 by changing the saturation by 10% instead.


 26.5157, 0.3159,
0.4643


 26.5157, 0.3159,
0.4643


285.3045, 0.3170,
0.3863


 17.2098, 0.3140,
0.4878


 54.1057, 0.3173,
0.4331

 10.3842, 0.3101,
0.5205


 73.1587, 0.3175,
0.4223


 5.6544, 0.3017,
0.5684

 96.2295, 0.3175,
0.4135

 2.6361, 0.3002,
0.6855

 123.7025, 0.3175,
0.4062

 0.9449, 0.0689,
0.9311

 155.9621, 0.3174,
0.4000

 0.0000, 0.0000,
0.0000

193.3927, 0.3173,

0.3948

236.3787, 0.3171,
0.3902

■ 26.5157, 0.3159,
0.4643

■ 26.5157, 0.3159,
0.4643

■ 25.6568, 0.3153,
0.4977

■ 27.5485, 0.3159,
0.4310

■ 24.9590, 0.3139,
0.5291

■ 28.7606, 0.3154,
0.3991

■ 24.4130, 0.3118,
0.5564


■ 30.1613, 0.3145,
0.3697


■ 24.0070, 0.3090,
0.5775

■ 31.7581, 0.3134,
0.3431


■ 23.7269, 0.3060,
0.5913

■ 33.5584, 0.3122,
0.3195

 23.6385, 0.3051,
0.5960

 35.5689, 0.3108,
0.2987

 37.7961, 0.3095,
0.2805

 40.2464, 0.3082,
0.2646

 42.9257, 0.3069,
0.2509

Harmonies

Analogous

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



26.5157, 0.3887, 0.4664



26.5157, 0.3159, 0.4643



26.5157, 0.2461, 0.4068

Triad

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



26.5157, 0.3159, 0.4643



26.5157, 0.1903, 0.2203



26.5157, 0.4402, 0.3153

Complementary

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



26.5157, 0.3159, 0.4643



14.6346, 0.3029, 0.2153

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.



26.5157, 0.3731, 0.2651



26.5157, 0.3159, 0.4643



26.5157, 0.2289, 0.2124

Square

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



26.5157, 0.3159, 0.4643



26.5157, 0.1796, 0.2566



26.5157, 0.2937, 0.2287



26.5157, 0.4665, 0.3718

Rectangle

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



26.5157, 0.3159, 0.4643



26.5157, 0.2108, 0.3513



26.5157, 0.2937, 0.2287



26.5157, 0.4213, 0.2975

Sweetspot

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



26.5168, 0.3159, 0.4643



54.4302, 0.3144, 0.3654



27.3043, 0.3864, 0.4226



12.1963, 0.3146, 0.3710



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.5168, 0.3159, 0.4643



45.9104, 0.3152, 0.4985



26.4038, 0.2881, 0.4211



6.9693, 0.3138, 0.3518



18.9970, 0.3054, 0.5957



0.2943, 0.3259, 0.5794

Inverse Universe

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



14.6346, 0.3029, 0.2153



21.8849, 0.2995, 0.1920



14.9560, 0.3518, 0.2529



6.2751, 0.3114, 0.3069



5.7877, 0.2829, 0.1332



0.0980, 0.3010, 0.1432

Previews

White Background



This preview shows how the Yxy color 26.5157, 0.3159, 0.4643 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 26.5157, 0.3159, 0.4643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

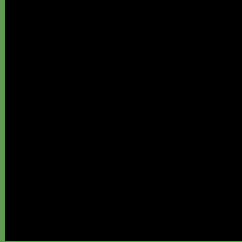
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5157, 0.3159, 0.4643

Background



This preview shows how black text looks on a background with the Yxy color 26.5157, 0.3159, 0.4643.



This preview shows how white text looks on a background with the Yxy color 26.5157, 0.3159, 0.4643.

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

26.5157, 0.3159, 0.4643

Protanopia

26.1907, 0.3922, 0.4259

Deuteranopia

26.2065, 0.4044, 0.3971



Tritanopia

26.5873, 0.2671, 0.3100

Trichromacy



Original Color

26.5157, 0.3159, 0.4643

Protanomaly

25.8314, 0.3622, 0.4396

Deuteranomaly

25.7849, 0.3688, 0.4217

Tritanomaly

26.3944, 0.2854, 0.3636

Monochromacy



Original Color

26.5157, 0.3159, 0.4643

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.1511, 0.3149, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5157, 0.3159, 0.4643 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(95, 155, 84)` looks like.

```
.text, #text, p{  
    color:rgb(95, 155, 84)  
}
```

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(95, 155, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 155, 84) }
```

Border

The CSS property to change the border of an element to Yxy 26.5157, 0.3159, 0.4643 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(95, 155, 84) }
```

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

```
.border{ border-color:rgb(95, 155, 84) }
```

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

Here you see how a box with a 4 pixel rgb(95, 155, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 155, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 155, 84);  
box-shadow:4px 4px 4px 4px rgb(95, 155,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5157, 0.3159, 0.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 155, 84) }
```

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

```
.background{ background-color: rgb(95, 155,  
84) }
```

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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