

Converting Colors

$Yxy(29.9145, 0.3143, 0.4789)$

Have a look what the booklet for
Yxy(29.9145, 0.3143, 0.4789)
contains.

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Color

Yxy(29.9145, 0.3143, 0.4789)

Conversions

Conversions Part 1

Format	Color
Hex	5EA553
RGB	94, 165, 83
RGB Percent	37%, 65%, 33%
CMY	0.6313, 0.3529, 0.6746
CMYK	0.43, 0.00, 0.50, 0.35
HSL	112°, 33%, 49%
HSV	112°, 50%, 65%
XYZ	19.6328, 29.9145, 12.9178
YIQ	134.4230, -15.9940, -40.5540

Conversions

Conversions Part 2

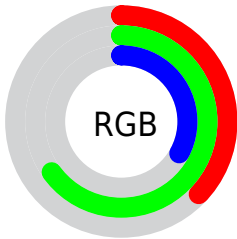
Format	Color
R_{YB}	83, 165, 154
Decimal	6202707
CIE _{Lab}	61.58, -38.83, 35.49
CIE _{LCh}	62, 52.605, 137.580
Yxy	29.9145, 0.3143, 0.4789
Android (android.graphics.Color)	4284392787 (0xFF5EA553)
YUV	134.4230, -25.3515, -35.4510
Hunter-Lab	54.6941, -31.6412, 24.2827

Details

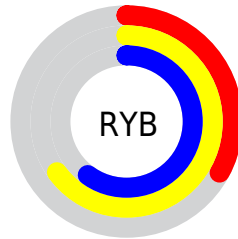
The Yxy color **29.9145, 0.3143, 0.4789** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.7664, 0.3038, 0.2064**, and the grayscale version is **24.1046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7300, 0.3163, 0.4459**, and **12.1352, 0.3069, 0.5382** is the 20% darker color. If you saturate the color by 10%, you get **29.0041, 0.3132, 0.5121**, and if you desaturate by 10%, it is **31.0278, 0.3148, 0.4449**.

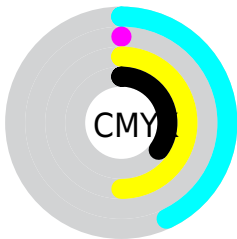
Distribution



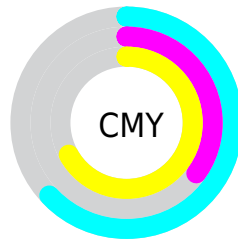
- Red (37%)
- Green (65%)
- Blue (33%)



- Red (33%)
- Yellow (65%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (50%)
- Black (35%)





- Cyan (63%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9145, 0.3143, 0.4789 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 29.9145, 0.3143, 0.4789 by changing the saturation by 10% instead.


 29.9145, 0.3143,
0.4789

 29.9145, 0.3143,
0.4789


301.5057, 0.3170,
0.3937


 19.7737, 0.3117,
0.5038

 59.5269, 0.3165,
0.4453


 12.2307, 0.3068,
0.5378

 79.7674, 0.3169,
0.4335

 6.9010, 0.2969,
0.5864


 104.1431, 0.3171,
0.4238

 3.4002, 0.2874,
0.6882

 133.0386, 0.3172,
0.4157

 1.3441, 0.1675,
0.8325

 166.8382, 0.3172,
0.4089

 0.1750, 0.0000,
1.0000

205.9263, 0.3172,

 0.0000, 0.0000,

0.4031

0.0000

250.6874, 0.3171,
0.3981

■ 29.9145, 0.3143,
0.4789

■ 29.9145, 0.3143,
0.4789

■ 29.0041, 0.3132,
0.5121

■ 31.0278, 0.3148,
0.4449

■ 28.2806, 0.3115,
0.5424

■ 32.3512, 0.3147,
0.4120

■ 27.7320, 0.3092,
0.5674


■ 33.8963, 0.3143,
0.3812

■ 27.3429, 0.3065,
0.5854

■ 35.6726, 0.3136,
0.3533


■ 27.0899, 0.3040,
0.5966


■ 37.6891, 0.3127,
0.3283

 27.0841, 0.3039,
0.5969

 39.9543, 0.3117,
0.3064

 42.4765, 0.3106,
0.2872

 45.2632, 0.3096,
0.2705

 48.3220, 0.3085,
0.2560

Harmonies

Analogous

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



29.9145, 0.3935, 0.4791



29.9145, 0.3143, 0.4789



29.9145, 0.2390, 0.4147

Triad

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



29.9145, 0.3143, 0.4789



29.9145, 0.1807, 0.2108



29.9145, 0.4530, 0.3134

Complementary

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



29.9145, 0.3143, 0.4789



15.7664, 0.3038, 0.2064

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.



29.9145, 0.3792, 0.2598



29.9145, 0.3143, 0.4789



29.9145, 0.2219, 0.2031

Square

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



29.9145, 0.3143, 0.4789



29.9145, 0.1690, 0.2489



29.9145, 0.2919, 0.2209



29.9145, 0.4808, 0.3738

Rectangle

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



29.9145, 0.3143, 0.4789



29.9145, 0.2013, 0.3523



29.9145, 0.2919, 0.2209



29.9145, 0.4323, 0.2945

Sweetspot

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



29.9158, 0.3143, 0.4789



62.0631, 0.3140, 0.3685



31.3078, 0.3923, 0.4321



13.4325, 0.3142, 0.3741



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.9158, 0.3143, 0.4789



51.7431, 0.3130, 0.5166



29.9120, 0.2855, 0.4285



7.9386, 0.3136, 0.3521



20.5020, 0.3043, 0.5966



0.4433, 0.3210, 0.5833

Inverse Universe

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



15.7664, 0.3038, 0.2064



23.3277, 0.3005, 0.1822



15.9685, 0.3588, 0.2483



7.1536, 0.3117, 0.3067



6.4751, 0.2878, 0.1359



0.1485, 0.3006, 0.1430

Previews

White Background



This preview shows how the Yxy color 29.9145, 0.3143, 0.4789 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 29.9145, 0.3143, 0.4789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

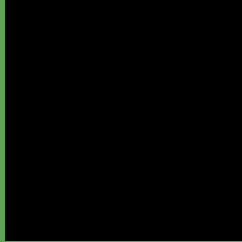
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9145, 0.3143, 0.4789

Background



This preview shows how black text looks on a background with the Yxy color 29.9145, 0.3143, 0.4789.



This preview shows how white text looks on a background with the Yxy color 29.9145, 0.3143, 0.4789.

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

29.9145, 0.3143, 0.4789

Protanopia

29.5022, 0.3986, 0.4350

Deuteranopia

29.3547, 0.4109, 0.4031



Tritanopia

29.9191, 0.2623, 0.3091

Trichromacy



Original Color

29.9145, 0.3143, 0.4789

Protanomaly

29.0790, 0.3647, 0.4522

Deuteranomaly

28.7967, 0.3713, 0.4304

Tritanomaly

29.5455, 0.2816, 0.3677

Monochromacy



Original Color

29.9145, 0.3143, 0.4789

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.4105, 0.3143, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9145, 0.3143, 0.4789 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(94, 165, 83)` looks like.

```
.text, #text, p{  
    color:rgb(94, 165, 83)  
}
```

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(94, 165, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 165, 83) }
```

Border

The CSS property to change the border of an element to Yxy 29.9145, 0.3143, 0.4789 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(94, 165, 83) }
```

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

```
.border{ border-color:rgb(94, 165, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 165, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 165, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 165, 83);  
box-shadow:4px 4px 4px 4px rgb(94, 165,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9145, 0.3143, 0.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 165, 83) }
```

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

```
.background{ background-color: rgb(94, 165,  
83) }
```

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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