

Converting Colors

$Yxy(30.0718, 0.2873, 0.4154)$

Have a look what the booklet for
Yxy(30.0718, 0.2873, 0.4154)
contains.

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Color

Yxy(30.0594, 0.2873, 0.4152)

Conversions

Conversions Part 1

Format	Color
Hex	5BA475
RGB	91, 164, 117
RGB Percent	36%, 64%, 46%
CMY	0.6432, 0.3568, 0.5411
CMYK	0.45, 0.00, 0.29, 0.36
HSL	141°, 29%, 50%
HSV	141°, 45%, 64%
XYZ	20.7998, 30.0594, 21.5382
YIQ	136.8150, -28.4210, -30.0930

Conversions

Conversions Part 2

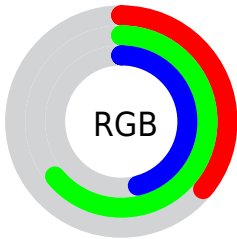
Format	Color
RYB	91, 145, 164
Decimal	6005877
CIELab	61.71, -33.63, 17.44
CIELCh	62, 37.884, 152.586
Yxy	30.0594, 0.2873, 0.4152
Android (android.graphics.Color)	4284195957 (0xFF5BA475)
YUV	136.8150, -9.7688, -40.1798
Hunter-Lab	54.8265, -28.2279, 15.0868

Details

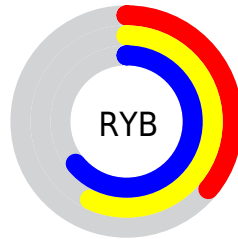
The Yxy color **30.0594, 0.2873, 0.4152** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.2066, 0.3530, 0.2570**, and the grayscale version is **24.9876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.5474, 0.2936, 0.3959**, and **12.3990, 0.2768, 0.4515** is the 20% darker color. If you saturate the color by 10%, you get **29.0819, 0.2834, 0.4391**, and if you desaturate by 10%, it is **31.2495, 0.2922, 0.3927**.

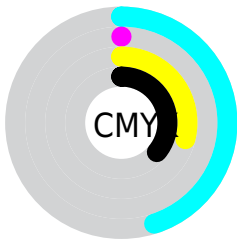
Distribution



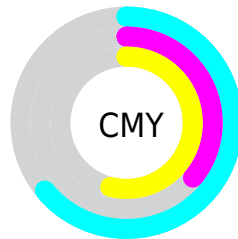
- Red (36%)
- Green (64%)
- Blue (46%)



- Red (36%)
- Yellow (57%)
- Blue (64%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)





- Cyan (64%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0594, 0.2873, 0.4152 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 30.0594, 0.2873, 0.4152 by changing the saturation by 10% instead.


 30.0594, 0.2873,
0.4152


 30.0594, 0.2873,
0.4152


302.1812, 0.3021,
0.3667


 19.8837, 0.2827,
0.4295


 59.7561, 0.2933,
0.3961


 12.3105, 0.2762,
0.4494


 80.0459, 0.2953,
0.3893

 6.9555, 0.2663,
0.4787


 104.4758, 0.2970,
0.3838

 3.4343, 0.2495,
0.5261

 133.4302, 0.2984,
0.3793

 1.3625, 0.2091,
0.6935

167.2936, 0.2995,
0.3754

 0.1888, 0.0000,
1.0000

206.4503, 0.3005,

 0.0000, 0.0000,

0.3721

0.0000

251.2847, 0.3013,
0.3692

■ 30.0594, 0.2873,
0.4152

■ 30.0594, 0.2873,
0.4152

■ 29.0819, 0.2834,
0.4391

■ 31.2495, 0.2922,
0.3927

■ 28.3005, 0.2808,
0.4636

■ 32.6602, 0.2978,
0.3719

■ 27.7018, 0.2797,
0.4881


■ 34.3038, 0.3038,
0.3530

■ 27.2695, 0.2804,
0.5115

■ 36.1903, 0.3099,
0.3360

■ 26.9836, 0.2828,
0.5328

■ 38.3294, 0.3161,
0.3210

 26.8629, 0.2843,
0.5435

 40.7301, 0.3221,
0.3078

 43.4009, 0.3280,
0.2962

 46.3500, 0.3336,
0.2860

 49.5854, 0.3389,
0.2772

Harmonies

Analogous

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



30.0594, 0.3470, 0.4408



30.0594, 0.2873, 0.4152



30.0594, 0.2374, 0.3579

Triad

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



30.0594, 0.2873, 0.4152



30.0594, 0.2265, 0.2346



30.0594, 0.4289, 0.3434

Complementary

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



30.0594, 0.2873, 0.4152



17.2066, 0.3530, 0.2570

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.



30.0594, 0.3902, 0.2978



30.0594, 0.2873, 0.4152



30.0594, 0.2701, 0.2380

Square

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



30.0594, 0.2873, 0.4152



30.0594, 0.2054, 0.2537



30.0594, 0.3300, 0.2605



30.0594, 0.4316, 0.3900

Rectangle

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



30.0594, 0.2873, 0.4152



30.0594, 0.2156, 0.3158



30.0594, 0.3300, 0.2605



30.0594, 0.4196, 0.3277

Sweetspot

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



30.0606, 0.2873, 0.4152



62.6762, 0.3045, 0.3507



32.7493, 0.3507, 0.4466



13.5540, 0.3032, 0.3545



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.



30.0606, 0.2873, 0.4152



52.8696, 0.2836, 0.4378



31.0777, 0.2613, 0.3478



7.9348, 0.3070, 0.3438



20.6041, 0.2838, 0.5417



0.4417, 0.2631, 0.4673

Inverse Universe

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



17.2066, 0.3530, 0.2570



26.6161, 0.3653, 0.2429



16.3303, 0.4096, 0.3119



7.1591, 0.3189, 0.3146



6.8515, 0.4338, 0.2163



0.1525, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 30.0594, 0.2873, 0.4152 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.0594, 0.2873, 0.4152 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 ✓ Pass

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

Yxy 30.0594, 0.2873, 0.4152

Background



This preview shows how black text looks on a background with the Yxy color 30.0594, 0.2873, 0.4152.



This preview shows how white text looks on a background with the Yxy color 30.0594, 0.2873, 0.4152.

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

30.0594, 0.2873, 0.4152

Protanopia

29.6765, 0.3626, 0.3884

Deuteranopia

29.5218, 0.3672, 0.3590



Tritanopia

29.8998, 0.2560, 0.3073

Trichromacy



Original Color

30.0594, 0.2873, 0.4152

Protanomaly

29.3718, 0.3304, 0.3983

Deuteranomaly

29.0084, 0.3343, 0.3785

Tritanomaly

30.0286, 0.2673, 0.3445

Monochromacy



Original Color

30.0594, 0.2873, 0.4152

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.4722, 0.3012, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0594, 0.2873, 0.4152 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(91, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(91, 164, 117)  
}
```

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(91, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 164, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.0594, 0.2873, 0.4152 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(91, 164, 117) }
```

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

```
.border{ border-color:rgb(91, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(91, 164,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0594, 0.2873, 0.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 164, 117) }
```

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

```
.background{ background-color: rgb(91, 164,  
117) }
```

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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