

Converting Colors

$Yxy(34.4567, 0.2822, 0.4066)$

Have a look what the booklet for
Yxy(34.4567, 0.2822, 0.4066)
contains.

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Color

Yxy(34.3167, 0.2820, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	5FAE82
RGB	95, 174, 130
RGB Percent	37%, 68%, 51%
CMY	0.6276, 0.3176, 0.4901
CMYK	0.45, 0.00, 0.25, 0.32
HSL	147°, 33%, 53%
HSV	147°, 45%, 68%
XYZ	23.8828, 34.3167, 26.4913
YIQ	145.3630, -32.9600, -30.4320

Conversions

Conversions Part 2

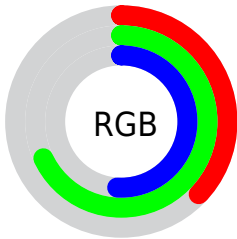
Format	Color
RYB	95, 150, 174
Decimal	6270594
CIELab	65.21, -34.54, 15.17
CIElCh	65, 37.725, 156.296
Yxy	34.3167, 0.2820, 0.4052
Android (android.graphics.Color)	4284460674 (0xFF5FAE82)
YUV	145.3630, -7.5740, -44.1684
Hunter-Lab	58.5805, -29.7427, 14.1942

Details

The Yxy color $34.3167, 0.2820, 0.4052$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.0400, 0.3642, 0.2647$, and the grayscale version is $28.5100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.4021, 0.2885, 0.3891$, and $14.7199, 0.2701, 0.4322$ is the 20% darker color. If you saturate the color by 10%, you get $33.2405, 0.2775, 0.4259$, and if you desaturate by 10%, it is $35.6283, 0.2877, 0.3857$.

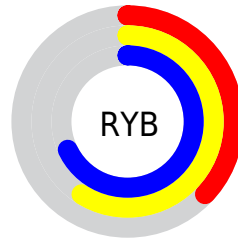
Distribution



Red (37%)

Green (68%)

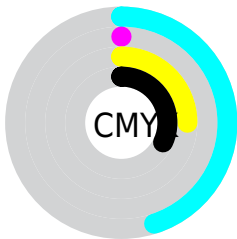
Blue (51%)



Red (37%)

Yellow (59%)

Blue (68%)

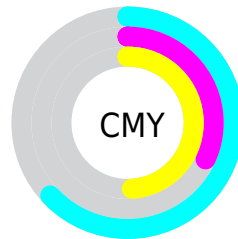


Cyan (45%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (63%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3167, 0.2820, 0.4052 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 34.3167, 0.2820, 0.4052 by changing the saturation by 10% instead.

 34.3167, 0.2820,
0.4052


 34.3167, 0.2820,
0.4052


321.5419, 0.2990,
0.3633


 23.1370, 0.2771,
0.4171


 66.4259, 0.2886,
0.3890


 14.6947, 0.2704,
0.4334


 88.1241, 0.2910,
0.3832

 8.6054, 0.2606,
0.4568


 114.0973, 0.2929,
0.3784

 4.4847, 0.2451,
0.4934

 144.7299, 0.2946,
0.3744

 1.9482, 0.2177,
0.5600

180.4063, 0.2959,
0.3710

 0.5771, 0.0000,
1.0000

221.5108, 0.2971,

 0.0000, 0.0000,

0.3681

0.0000

268.4279, 0.2981,
0.3655

■ 34.3167, 0.2820,
0.4052

■ 34.3167, 0.2820,
0.4052

■ 33.2405, 0.2775,
0.4259

■ 35.6283, 0.2877,
0.3857

■ 32.3807, 0.2744,
0.4473

■ 37.1845, 0.2942,
0.3676

■ 31.7224, 0.2731,
0.4689


■ 38.9989, 0.3013,
0.3512


■ 31.2465, 0.2736,
0.4900

■ 41.0831, 0.3087,
0.3364

■ 30.9295, 0.2760,
0.5098

■ 43.4479, 0.3161,
0.3232

 30.8132, 0.2774,
0.5185

 46.1034, 0.3235,
0.3115

 49.0593, 0.3307,
0.3013

 52.3248, 0.3376,
0.2923

 55.9087, 0.3443,
0.2844

Harmonies

Analogous

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



34.3167, 0.3388, 0.4343



34.3167, 0.2820, 0.4052



34.3167, 0.2362, 0.3491

Triad

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



34.3167, 0.2820, 0.4052



34.3167, 0.2342, 0.2379



34.3167, 0.4257, 0.3488

Complementary

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



34.3167, 0.2820, 0.4052



19.0400, 0.3642, 0.2647

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.



34.3167, 0.3926, 0.3044



34.3167, 0.2820, 0.4052



34.3167, 0.2786, 0.2435

Square

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



34.3167, 0.2820, 0.4052



34.3167, 0.2111, 0.2537



34.3167, 0.3368, 0.2672



34.3167, 0.4242, 0.3929

Rectangle

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



34.3167, 0.2820, 0.4052



34.3167, 0.2171, 0.3098



34.3167, 0.3368, 0.2672



34.3167, 0.4182, 0.3337

Sweetspot

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



34.3181, 0.2820, 0.4052



71.1533, 0.3022, 0.3493



36.6546, 0.3452, 0.4523



15.6478, 0.3006, 0.3526



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.3181, 0.2820, 0.4052



60.1942, 0.2772, 0.4271



35.5605, 0.2561, 0.3374



8.9962, 0.3058, 0.3419



22.3586, 0.2768, 0.5164



0.6331, 0.2599, 0.4556

Inverse Universe

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



19.0400, 0.3642, 0.2647



28.8133, 0.3821, 0.2512



18.1020, 0.4237, 0.3215



8.0872, 0.3203, 0.3165



7.1625, 0.4691, 0.2358



0.2100, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 34.3167, 0.2820, 0.4052 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 34.3167, 0.2820, 0.4052 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 34.3167, 0.2820, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 34.3167, 0.2820, 0.4052.



This preview shows how white text looks on a background with the Yxy color 34.3167, 0.2820, 0.4052.

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

34.3167, 0.2820, 0.4052

Protanopia

33.8439, 0.3570, 0.3810

Deuteranopia

33.7062, 0.3600, 0.3518



Tritanopia

34.0994, 0.2540, 0.3068

Trichromacy



Original Color

34.3167, 0.2820, 0.4052

Protanomaly

33.3378, 0.3250, 0.3899

Deuteranomaly

32.9738, 0.3275, 0.3697

Tritanomaly

34.2417, 0.2646, 0.3420

Monochromacy



Original Color

34.3167, 0.2820, 0.4052

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

30.1824, 0.2990, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3167, 0.2820, 0.4052 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, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(95, 174, 130)  
}
```

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, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 174, 130) }
```

Border

The CSS property to change the border of an element to Yxy 34.3167, 0.2820, 0.4052 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, 174, 130) }
```

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

```
.border{ border-color:rgb(95, 174, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 174, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(95, 174,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3167, 0.2820, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 174, 130) }
```

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

```
.background{ background-color: rgb(95, 174,  
130) }
```

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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