

Converting Colors

$Yxy(30.6764, 0.3385, 0.4402)$

Have a look what the booklet for
Yxy(30.6764, 0.3385, 0.4402)
contains.

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Color

Yxy(30.5570, 0.3383, 0.4392)

Conversions

Conversions Part 1

Format	Color
Hex	80A05F
RGB	128, 160, 95
RGB Percent	50%, 63%, 37%
CMY	0.4981, 0.3725, 0.6275
CMYK	0.20, 0.00, 0.41, 0.37
HSL	90°, 25%, 50%
HSV	90°, 41%, 63%
XYZ	23.5370, 30.5570, 15.4803
YIQ	143.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

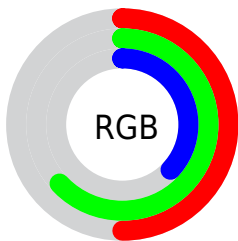
Format	Color
RYB	95, 160, 127
Decimal	8429663
CIELab	62.13, -22.79, 30.33
CIELCh	62, 37.935, 126.927
Yxy	30.5570, 0.3383, 0.4392
Android (android.graphics.Color)	4286619743 (0xFF80A05F)
YUV	143.0220, -23.6748, -13.1743
Hunter-Lab	55.2784, -20.7337, 22.0912

Details

The Yxy color **30.5570, 0.3383, 0.4392** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.2322, 0.2757, 0.2188**, and the grayscale version is **27.5727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6213, 0.3347, 0.4160**, and **12.5081, 0.3427, 0.4797** is the 20% darker color. If you saturate the color by 10%, you get **29.7093, 0.3428, 0.4683**, and if you desaturate by 10%, it is **31.5146, 0.3327, 0.4100**.

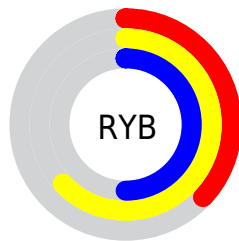
Distribution



Red (50%)

Green (63%)

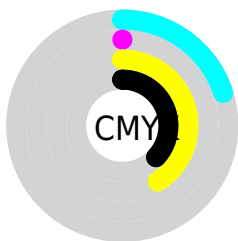
Blue (37%)



Red (37%)

Yellow (63%)

Blue (50%)

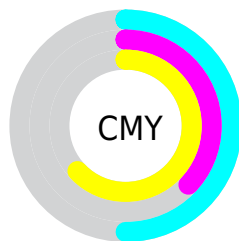


Cyan (20%)

Magenta (0%)

Yellow (41%)

Black (37%)



Cyan (50%)


Magenta (37%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5570, 0.3383, 0.4392 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 30.5570, 0.3383, 0.4392 by changing the saturation by 10% instead.


 30.5570, 0.3383,
0.4392

 30.5570, 0.3383,
0.4392


304.4922, 0.3265,
0.3780


 20.2618, 0.3405,
0.4565


 60.5419, 0.3344,
0.4155


 12.5855, 0.3427,
0.4800


 81.0004, 0.3328,
0.4070

 7.1437, 0.3440,
0.5132


 105.6154, 0.3314,
0.4000

 3.5521, 0.3448,
0.5677

 134.7713, 0.3302,
0.3942

 1.4263, 0.3355,
0.6645

168.8526, 0.3291,
0.3892

 0.2360, 0.0000,
1.0000

208.2436, 0.3281,

 0.0000, 0.0000,

0.3850

0.0000

253.3286, 0.3273,
0.3813

■ 30.5570, 0.3383,
0.4392

■ 30.5570, 0.3383,
0.4392

■ 29.7093, 0.3428,
0.4683

■ 31.5146, 0.3327,
0.4100

■ 28.9627, 0.3457,
0.4962

■ 32.5824, 0.3265,
0.3818

■ 28.3134, 0.3468,
0.5213


■ 33.7660, 0.3198,
0.3552

■ 27.7555, 0.3458,
0.5424

■ 35.0693, 0.3131,
0.3305

■ 27.2824, 0.3426,
0.5584


■ 36.4958, 0.3065,
0.3080

 26.9030, 0.3384,
0.5695

 38.0492, 0.3002,
0.2876

 39.7327, 0.2941,
0.2693

 41.5497, 0.2885,
0.2530

 43.5032, 0.2831,
0.2384

Harmonies

Analogous

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



30.5570, 0.3933, 0.4311



30.5570, 0.3383, 0.4392



30.5570, 0.2793, 0.4080

Triad

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



30.5570, 0.3383, 0.4392



30.5570, 0.2073, 0.2498



30.5570, 0.3973, 0.3041

Complementary

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



30.5570, 0.3383, 0.4392



15.2322, 0.2757, 0.2188

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.



30.5570, 0.3391, 0.2654



30.5570, 0.3383, 0.4392



30.5570, 0.2317, 0.2341

Square

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



30.5570, 0.3383, 0.4392



30.5570, 0.2072, 0.2893



30.5570, 0.2781, 0.2404



30.5570, 0.4311, 0.3502

Rectangle

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



30.5570, 0.3383, 0.4392



30.5570, 0.2457, 0.3697



30.5570, 0.2781, 0.2404



30.5570, 0.3796, 0.2901

Sweetspot

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



30.5583, 0.3383, 0.4392



60.9470, 0.3209, 0.3593



23.3276, 0.3917, 0.3795



13.3087, 0.3217, 0.3624



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.5583, 0.3383, 0.4392



54.0394, 0.3425, 0.4663



28.4603, 0.3079, 0.4502



7.5582, 0.3189, 0.3516



20.9815, 0.3390, 0.5690



0.4003, 0.3702, 0.5442

Inverse Universe

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



15.2322, 0.2757, 0.2188



22.2261, 0.2645, 0.1917



18.0832, 0.3159, 0.2311



6.5875, 0.3061, 0.3064



3.2908, 0.2028, 0.0891



0.0840, 0.2481, 0.1140

Previews

White Background



This preview shows how the Yxy color 30.5570, 0.3383, 0.4392 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 30.5570, 0.3383, 0.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

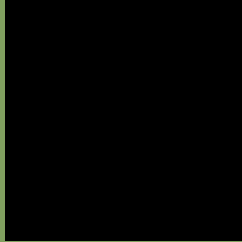
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5570, 0.3383, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 30.5570, 0.3383, 0.4392.



This preview shows how white text looks on a background with the Yxy color 30.5570, 0.3383, 0.4392.

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

30.5570, 0.3383, 0.4392

Protanopia

30.4605, 0.3857, 0.4181

Deuteranopia

30.2491, 0.4004, 0.3920



Tritanopia

30.5401, 0.2885, 0.3101

Trichromacy



Original Color

30.5570, 0.3383, 0.4392

Protanomaly

30.4632, 0.3680, 0.4270

Deuteranomaly

29.9538, 0.3763, 0.4076

Tritanomaly

30.3751, 0.3066, 0.3553

Monochromacy



Original Color

30.5570, 0.3383, 0.4392

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.4045, 0.3233, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5570, 0.3383, 0.4392 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(128, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(128, 160, 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(128, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 160, 95) }
```

Border

The CSS property to change the border of an element to Yxy 30.5570, 0.3383, 0.4392 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(128, 160, 95) }
```

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

```
.border{ border-color:rgb(128, 160, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 160, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(128, 160,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5570, 0.3383, 0.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 160, 95) }
```

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

```
.background{ background-color: rgb(128,  
160, 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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