

Converting Colors

$Yxy(30.2814, 0.3084, 0.4213)$

Have a look what the booklet for
Yxy(30.2814, 0.3084, 0.4213)
contains.

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Color

Yxy(30.2814, 0.3084, 0.4213)

Conversions

Conversions Part 1

Format	Color
Hex	6EA26E
RGB	110, 162, 110
RGB Percent	43%, 64%, 43%
CMY	0.5686, 0.3647, 0.5686
CMYK	0.32, 0.00, 0.32, 0.36
HSL	120°, 22%, 53%
HSV	120°, 32%, 64%
XYZ	22.1666, 30.2814, 19.4281
YIQ	140.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

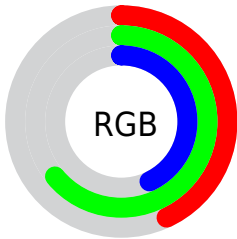
Format	Color
RYB	110, 162, 162
Decimal	7250542
CIELab	61.90, -27.99, 21.71
CIELCh	62, 35.423, 142.205
Yxy	30.2814, 0.3084, 0.4213
Android (android.graphics.Color)	4285440622 (0xFF6EA26E)
YUV	140.5240, -15.0483, -26.7695
Hunter-Lab	55.0285, -24.3966, 17.5873

Details

The Yxy color **30.2814, 0.3084, 0.4213** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.4404, 0.3163, 0.2513**, and the grayscale version is **26.5060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0209, 0.3100, 0.4007**, and **12.4603, 0.3044, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **29.0157, 0.3068, 0.4558**, and if you desaturate by 10%, it is **31.8041, 0.3099, 0.3890**.

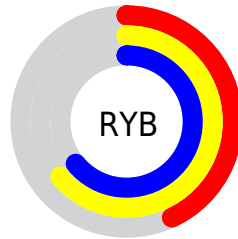
Distribution



Red (43%)

Green (64%)

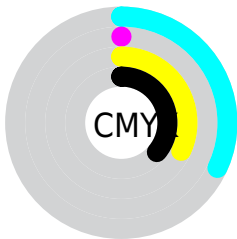
Blue (43%)



Red (43%)

Yellow (64%)

Blue (64%)

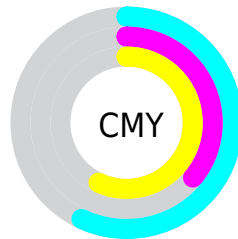


Cyan (32%)

Magenta (0%)

Yellow (32%)

Black (36%)



Cyan (57%)


Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2814, 0.3084, 0.4213 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 30.2814, 0.3084, 0.4213 by changing the saturation by 10% instead.


 30.2814, 0.3084,
0.4213

 30.2814, 0.3084,
0.4213


303.2139, 0.3120,
0.3695

 20.0523, 0.3068,
0.4364


 60.1069, 0.3102,
0.4010


 12.4331, 0.3042,
0.4573


 80.4721, 0.3107,
0.3938

 7.0393, 0.2995,
0.4878


 104.9847, 0.3111,
0.3879

 3.4867, 0.2900,
0.5362

 134.0293, 0.3114,
0.3830

 1.3908, 0.2901,
0.7099

167.9900, 0.3116,
0.3789

 0.2099, 0.0000,
1.0000

207.2515, 0.3118,

 0.0000, 0.0000,

0.3753

0.0000

252.1980, 0.3119,
0.3722

■ 30.2814, 0.3084,
0.4213

■ 30.2814, 0.3084,
0.4213

■ 29.0157, 0.3068,
0.4558

■ 31.8041, 0.3099,
0.3890

■ 27.9891, 0.3051,
0.4910

■ 33.5927, 0.3113,
0.3598

■ 27.1879, 0.3035,
0.5248


■ 35.6605, 0.3125,
0.3340


■ 26.5951, 0.3021,
0.5545


■ 38.0186, 0.3135,
0.3115

■ 26.1913, 0.3011,
0.5777


■ 40.6777, 0.3144,
0.2920


 25.9538, 0.3004,
0.5926

 43.6480, 0.3152,
0.2752

 25.8411, 0.3000,
0.6000

 46.9389, 0.3159,
0.2609

 50.5597, 0.3165,
0.2485

 54.3208, 0.3170,
0.2384

Harmonies

Analogous

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



30.2814, 0.3640, 0.4326



30.2814, 0.3084, 0.4213



30.2814, 0.2567, 0.3761

Triad

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



30.2814, 0.3084, 0.4213



30.2814, 0.2223, 0.2442



30.2814, 0.4119, 0.3277

Complementary

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



30.2814, 0.3084, 0.4213



21.4404, 0.3163, 0.2513

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.



30.2814, 0.3669, 0.2865



30.2814, 0.3084, 0.4213



30.2814, 0.2565, 0.2400

Square

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



30.2814, 0.3084, 0.4213



30.2814, 0.2103, 0.2703



30.2814, 0.3087, 0.2554



30.2814, 0.4269, 0.3722

Rectangle

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



30.2814, 0.3084, 0.4213



30.2814, 0.2311, 0.3370



30.2814, 0.3087, 0.2554



30.2814, 0.3996, 0.3132

Sweetspot

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



30.2827, 0.3084, 0.4213



61.6617, 0.3115, 0.3547



34.3438, 0.3603, 0.4059



13.7419, 0.3113, 0.3583



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.



30.2827, 0.3084, 0.4213



53.1774, 0.3072, 0.4475



30.9089, 0.2883, 0.3754



7.8951, 0.3116, 0.3522



20.3582, 0.3000, 0.6000



0.4278, 0.3001, 0.6000

Inverse Universe

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



21.4404, 0.3163, 0.2513



34.4057, 0.3172, 0.2334



20.6357, 0.3475, 0.2870



7.2021, 0.3138, 0.3068



8.1027, 0.3208, 0.1541



0.1703, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 30.2814, 0.3084, 0.4213 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 30.2814, 0.3084, 0.4213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

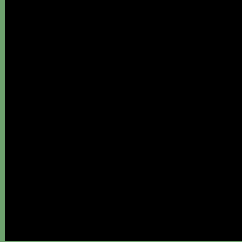
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2814, 0.3084, 0.4213

Background



This preview shows how black text looks on a background with the Yxy color 30.2814, 0.3084, 0.4213.



This preview shows how white text looks on a background with the Yxy color 30.2814, 0.3084, 0.4213.

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

30.2814, 0.3084, 0.4213

Protanopia

30.0714, 0.3704, 0.3986

Deuteranopia

29.9738, 0.3789, 0.3718



Tritanopia

30.2977, 0.2716, 0.3095

Trichromacy



Original Color

30.2814, 0.3084, 0.4213

Protanomaly

29.9026, 0.3454, 0.4080

Deuteranomaly

29.5843, 0.3499, 0.3884

Tritanomaly

30.3110, 0.2851, 0.3492

Monochromacy



Original Color

30.2814, 0.3084, 0.4213

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.8524, 0.3112, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2814, 0.3084, 0.4213 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(110, 162, 110)` looks like.

```
.text, #text, p{  
    color:rgb(110, 162, 110)  
}
```

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(110, 162, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 162, 110) }
```

Border

The CSS property to change the border of an element to Yxy 30.2814, 0.3084, 0.4213 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(110, 162, 110) }
```

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

```
.border{ border-color:rgb(110, 162, 110) }
```

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

Here you see how a box with a 4 pixel rgb(110, 162, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 162, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 162, 110);  
box-shadow:4px 4px 4px 4px rgb(110, 162,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2814, 0.3084, 0.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 162, 110) }
```

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

```
.background{ background-color: rgb(110,  
162, 110) }
```

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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