

Converting Colors

$Y_{xy}(45.8985, 0.5539, 0.3294)$

Have a look what the booklet for
Yxy(45.8985, 0.5539, 0.3294)
contains.

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Color

Yxy(30.6912, 0.5111, 0.3287)

Conversions

Conversions Part 1

Format	Color
Hex	FF6162
RGB	255, 97, 98
RGB Percent	100%, 38%, 38%
CMY	0.0000, 0.6196, 0.6158
CMYK	0.00, 0.62, 0.62, 0.00
HSL	360°, 100%, 69%
HSV	360°, 62%, 100%
XYZ	47.7222, 30.6912, 14.9581
YIQ	144.3560, 93.8470, 33.8070

Conversions

Conversions Part 2

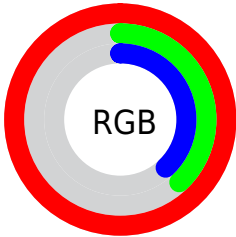
Format	Color
R _Y B	255, 97, 98
Decimal	16736610
CIE Lab	62.25, 60.13, 31.71
CIE LCh	62, 67.983, 27.803
Yxy	30.6912, 0.5111, 0.3287
Android (android.graphics.Color)	4294926690 (0xFFFF6162)
YUV	144.3560, -22.8535, 97.0348
Hunter-Lab	55.3996, 56.8135, 22.7712

Details

The Yxy color **30.6912, 0.5111, 0.3287** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.2184, 0.2380, 0.3299**, and the grayscale version is **28.1043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5411, 0.4185, 0.3346**, and **12.7072, 0.5735, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **26.3063, 0.5591, 0.3289**, and if you desaturate by 10%, it is **36.7397, 0.4638, 0.3286**.

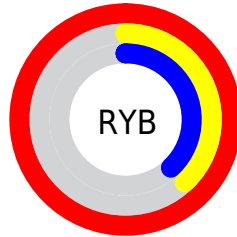
Distribution



Red (100%)

Green (38%)

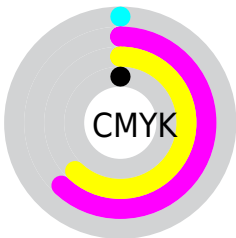
Blue (38%)



Red (100%)

Yellow (38%)

Blue (38%)

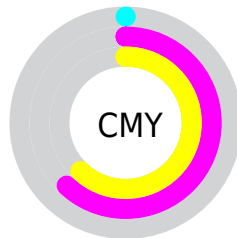


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6912, 0.5111, 0.3287 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 30.6912, 0.5111, 0.3287 by changing the saturation by 10% instead.


 30.6912, 0.5111,
0.3287


 30.6912, 0.5111,
0.3287


305.1132, 0.4055,
0.3360


 20.3638, 0.5383,
0.3241


 60.7536, 0.4718,
0.3333


 12.6598, 0.5730,
0.3166


 81.2573, 0.4573,
0.3344

 7.1947, 0.6181,
0.3035

 105.9220, 0.4451,
0.3351

 3.5842, 0.6814,
0.2820

 135.1321, 0.4348,
0.3356

 1.4438, 0.7601,
0.2399

169.2718, 0.4259,
0.3358

 0.2487, 0.8910,
0.1090

208.7256, 0.4182,

 0.0000, 1.0000,

0.3359

0.0000

253.8779, 0.4115,
0.3360

 0.0000, 0.0000,
0.0000


 30.6912, 0.5111,
0.3287


 30.6912, 0.5111,
0.3287

 26.3063, 0.5591,
0.3289


 36.7397, 0.4638,
0.3286

 23.4214, 0.6007,
0.3292

 44.5983, 0.4217,
0.3286

 21.8358, 0.6285,
0.3296

 54.3946, 0.3862,
0.3287

 21.2635, 0.6396,
0.3297

 66.2455, 0.3574,
0.3288

 80.2586, 0.3343,
0.3289

96.5339, 0.3159,
0.3290

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



30.6912, 0.4336, 0.2631



30.6912, 0.5111, 0.3287



30.6912, 0.5171, 0.4006

Triad

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



30.6912, 0.5111, 0.3287



30.6912, 0.2755, 0.5080



30.6912, 0.1650, 0.1776

Complementary

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



30.6912, 0.5111, 0.3287



81.2184, 0.2380, 0.3299

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.



30.6912, 0.1398, 0.2068



30.6912, 0.5111, 0.3287



30.6912, 0.1928, 0.3982

Square

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



30.6912, 0.5111, 0.3287



30.6912, 0.3735, 0.5285



30.6912, 0.1474, 0.2794



30.6912, 0.2249, 0.1807

Rectangle

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



30.6912, 0.5111, 0.3287



30.6912, 0.4853, 0.4506



30.6912, 0.1474, 0.2794



30.6912, 0.1529, 0.1833

Sweetspot

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



30.6904, 0.5111, 0.3287



70.1656, 0.3500, 0.3288



36.5330, 0.3170, 0.1850



14.2073, 0.3571, 0.3288



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.6904, 0.5111, 0.3287



25.6025, 0.5683, 0.3290



52.1506, 0.4533, 0.4047



17.9889, 0.3294, 0.3289



11.1114, 0.6394, 0.3296



1.0825, 0.6379, 0.3288

Inverse Universe

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



30.6904, 0.5111, 0.3287



25.6025, 0.5683, 0.3290



41.8543, 0.2150, 0.2306



17.9889, 0.3294, 0.3289



11.1114, 0.6394, 0.3296



1.0825, 0.6379, 0.3288

Previews

White Background



This preview shows how the Yxy color 30.6912, 0.5111, 0.3287 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 30.6912, 0.5111, 0.3287 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 30.6912, 0.5111, 0.3287

Background



This preview shows how black text looks on a background with the Yxy color 30.6912, 0.5111, 0.3287.



This preview shows how white text looks on a background with the Yxy color 30.6912, 0.5111, 0.3287.

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

30.6912, 0.5111, 0.3287

Protanopia

30.6423, 0.3529, 0.3755

Deuteranopia

30.7520, 0.4122, 0.4043



Tritanopia

30.7687, 0.5061, 0.3250

Trichromacy



Original Color

30.6912, 0.5111, 0.3287

Protanomaly

29.0046, 0.4106, 0.3550

Deuteranomaly

29.5244, 0.4508, 0.3711

Tritanomaly

30.7490, 0.5074, 0.3259

Monochromacy



Original Color

30.6912, 0.5111, 0.3287

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9014, 0.3817, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6912, 0.5111, 0.3287 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(255, 97, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 98)  
}
```

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(255, 97, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 98) }
```

Border

The CSS property to change the border of an element to Yxy 30.6912, 0.5111, 0.3287 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(255, 97, 98) }
```

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

```
.border{ border-color:rgb(255, 97, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6912, 0.5111, 0.3287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 98) }
```

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

```
.background{ background-color: rgb(255, 97,  
98) }
```

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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