

Converting Colors

$Y_{xy}(30.6532, 0.5124, 0.3295)$

Have a look what the booklet for
Yxy(30.6532, 0.5124, 0.3295)
contains.

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Color

Yxy(30.6725, 0.5123, 0.3296)

Conversions

Conversions Part 1

Format	Color
Hex	FF6161
RGB	255, 97, 97
RGB Percent	100%, 38%, 38%
CMY	0.0000, 0.6196, 0.6197
CMYK	0.00, 0.62, 0.62, 0.00
HSL	0°, 100%, 69%
HSV	0°, 62%, 100%
XYZ	47.6745, 30.6725, 14.7127
YIQ	144.2420, 94.1680, 33.4960

Conversions

Conversions Part 2

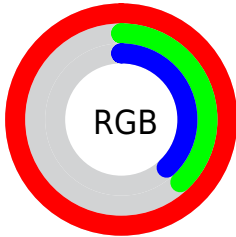
Format	Color
R _Y B	255, 97, 97
Decimal	16736609
CIE Lab	62.23, 60.07, 32.25
CIE LCh	62, 68.180, 28.229
Yxy	30.6725, 0.5123, 0.3296
Android (android.graphics.Color)	4294926689 (0xFFFF6161)
YUV	144.2420, -23.2903, 97.1348
Hunter-Lab	55.3828, 56.7363, 23.0172

Details

The Yxy color **30.6725, 0.5123, 0.3296** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **81.2692, 0.2376, 0.3288**, and the grayscale version is **28.0588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5093, 0.4195, 0.3356**, and **12.6985, 0.5750, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **26.2921, 0.5603, 0.3297**, and if you desaturate by 10%, it is **36.7190, 0.4648, 0.3295**.

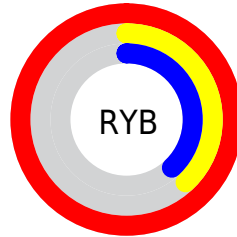
Distribution



Red (100%)

Green (38%)

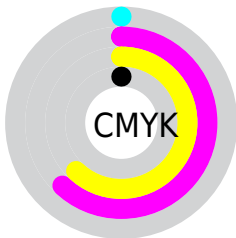
Blue (38%)



Red (100%)

Yellow (38%)

Blue (38%)

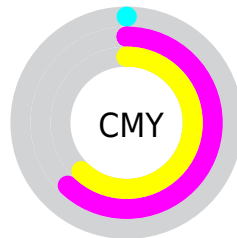


Cyan (0%)

Magenta (62%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6725, 0.5123, 0.3296 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 30.6725, 0.5123, 0.3296 by changing the saturation by 10% instead.

 30.6725, 0.5123,
0.3296


 30.6725, 0.5123,
0.3296


305.0267, 0.4061,
0.3366

 20.3496, 0.5396,
0.3251


 60.7241, 0.4728,
0.3341


 12.6494, 0.5744,
0.3175


 81.2216, 0.4582,
0.3352

 7.1876, 0.6196,
0.3044


 105.8793, 0.4460,
0.3359

 3.5797, 0.6834,
0.2830

 135.0818, 0.4356,
0.3363

 1.4413, 0.7600,
0.2400

169.2134, 0.4266,
0.3365

 0.2469, 0.8914,
0.1086

208.6585, 0.4189,

 0.0000, 1.0000,

0.3366


0.0000


253.8014, 0.4121,
0.3366


 0.0000, 0.0000,
0.0000


 30.6725, 0.5123,
0.3296

 30.6725, 0.5123,
0.3296

 26.2921, 0.5603,
0.3297


 36.7190, 0.4648,
0.3295


 23.4117, 0.6018,
0.3299


 44.5761, 0.4224,
0.3293

 21.8307, 0.6292,
0.3299

 54.3724, 0.3867,
0.3292

 21.2606, 0.6401,
0.3300

 66.2250, 0.3577,
0.3291

 80.2417, 0.3344,
0.3291

96.5226, 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.



30.6725, 0.4354, 0.2637



30.6725, 0.5123, 0.3296



30.6725, 0.5172, 0.4017

Triad

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



30.6725, 0.5123, 0.3296



30.6725, 0.2740, 0.5076



30.6725, 0.1652, 0.1771

Complementary

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



30.6725, 0.5123, 0.3296



81.2692, 0.2376, 0.3288

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.



30.6725, 0.1395, 0.2057



30.6725, 0.5123, 0.3296



30.6725, 0.1915, 0.3966

Square

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



30.6725, 0.5123, 0.3296



30.6725, 0.3722, 0.5294



30.6725, 0.1466, 0.2778



30.6725, 0.2257, 0.1806

Rectangle

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



30.6725, 0.5123, 0.3296



30.6725, 0.4848, 0.4518



30.6725, 0.1466, 0.2778



30.6725, 0.1530, 0.1827

Sweetspot

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



30.6724, 0.5123, 0.3296



70.1535, 0.3502, 0.3291



37.0264, 0.3194, 0.1861



14.2044, 0.3574, 0.3291



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.



30.6724, 0.5123, 0.3296



25.5909, 0.5696, 0.3298



53.1703, 0.4513, 0.4073



17.9874, 0.3295, 0.3291



11.1093, 0.6401, 0.3300



1.0818, 0.6400, 0.3300

Inverse Universe

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



81.2692, 0.2376, 0.3288



79.8953, 0.2307, 0.3287



40.8080, 0.2142, 0.2270



20.4811, 0.2980, 0.3290



41.1340, 0.2246, 0.3287



4.0052, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 30.6725, 0.5123, 0.3296 looks on a white background.

Color Contrast Check

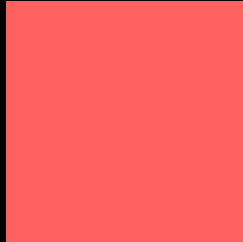
Large Text (above 18pt) WCAG AA × Fail

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 30.6725, 0.5123, 0.3296 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 30.6725, 0.5123, 0.3296

Background



This preview shows how black text looks on a background with the Yxy color 30.6725, 0.5123, 0.3296.



This preview shows how white text looks on a background with the Yxy color 30.6725, 0.5123, 0.3296.

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

30.6725, 0.5123, 0.3296

Protanopia

30.6182, 0.3539, 0.3771

Deuteranopia

30.7351, 0.4131, 0.4056



Tritanopia

30.5851, 0.5068, 0.3241

Trichromacy



Original Color

30.6725, 0.5123, 0.3296

Protanomaly

28.9824, 0.4117, 0.3563

Deuteranomaly

29.5068, 0.4519, 0.3723

Tritanomaly

30.5458, 0.5093, 0.3260

Monochromacy



Original Color

30.6725, 0.5123, 0.3296

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 30.6725, 0.5123, 0.3296 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, 97)` looks like.

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

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, 97) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 30.6725, 0.5123, 0.3296 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, 97) }
```

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

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

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, 97)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 30.6725, 0.5123, 0.3296 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, 97) }
```

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

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

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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