

Converting Colors

$Y_{xy}(29.6144, 0.5150, 0.3257)$

Have a look what the booklet for
Yxy(29.6144, 0.5150, 0.3257)
contains.

Yxy(29.5882, 0.5149, 0.3252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.5882, 0.5149, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	FE5C61
RGB	254, 92, 97
RGB Percent	100%, 36%, 38%
CMY	0.0041, 0.6390, 0.6196
CMYK	0.00, 0.64, 0.62, 0.00
HSL	358°, 99%, 68%
HSV	358°, 64%, 100%
XYZ	46.8480, 29.5882, 14.5484
YIQ	141.0080, 94.9470, 35.8990

Conversions

Conversions Part 2

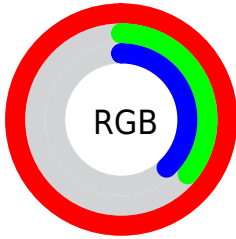
Format	Color
R_{YB}	254, 92, 97
Decimal	16669793
CIE _{Lab}	61.30, 61.78, 31.02
CIE _{LCh}	61, 69.135, 26.664
Yxy	29.5882, 0.5149, 0.3252
Android (android.graphics.Color)	4294859873 (0xFFFE5C61)
YUV	141.0080, -21.6959, 99.0940
Hunter-Lab	54.3950, 58.5427, 22.2189

Details

The Yxy color **29.5882, 0.5149, 0.3252** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **79.9801, 0.2383, 0.3346**, and the grayscale version is **26.7046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8930, 0.4219, 0.3304**, and **12.0992, 0.5784, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **25.5100, 0.5620, 0.3256**, and if you desaturate by 10%, it is **35.2864, 0.4680, 0.3253**.

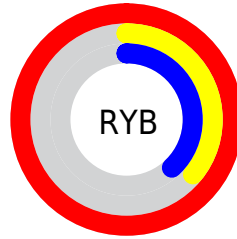
Distribution



Red (100%)

Green (36%)

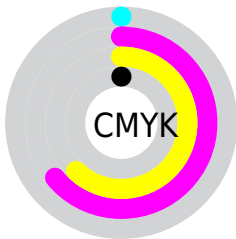
Blue (38%)



Red (100%)

Yellow (36%)

Blue (38%)

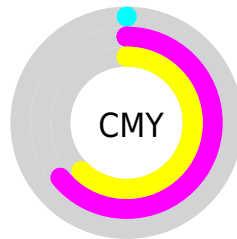


Cyan (0%)

Magenta (64%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5882, 0.5149, 0.3252 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 29.5882, 0.5149, 0.3252 by changing the saturation by 10% instead.


 29.5882, 0.5149,
0.3252


 29.5882, 0.5149,
0.3252


299.9802, 0.4068,
0.3344

 19.5262, 0.5429,
0.3201


 59.0103, 0.4745,
0.3306

 12.0511, 0.5788,
0.3117


 79.1393, 0.4596,
0.3320

 6.7785, 0.6255,
0.2975


 103.3927, 0.4472,
0.3329

 3.3240, 0.6925,
0.2746

 132.1549, 0.4366,
0.3335

 1.3031, 0.7712,
0.2288

165.8104, 0.4275,
0.3339

 0.1436, 0.9306,
0.0694

204.7435, 0.4197,


 0.0000, 1.0000,


0.3342


0.0000


249.3387, 0.4128,
0.3343


 0.0000, 0.0000,
0.0000

 29.5882, 0.5149,
0.3252


 29.5882, 0.5149,
0.3252


 25.5100, 0.5620,
0.3256


 35.2864, 0.4680,
0.3253


 22.8791, 0.6025,
0.3267


 42.7443, 0.4258,
0.3258


 21.4930, 0.6291,
0.3282

 52.0924, 0.3901,
0.3265

 21.0811, 0.6379,
0.3288

 63.4473, 0.3609,
0.3272

 76.9162, 0.3374,
0.3280

 92.5989, 0.3187,
0.3287

99.8041, 0.3121,
0.3290

Harmonies

Analogous

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



29.5882, 0.4329, 0.2589



29.5882, 0.5149, 0.3252



29.5882, 0.5231, 0.3981

Triad

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



29.5882, 0.5149, 0.3252



29.5882, 0.2775, 0.5169



29.5882, 0.1601, 0.1747

Complementary

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



29.5882, 0.5149, 0.3252



79.9801, 0.2383, 0.3346

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.



29.5882, 0.1358, 0.2054



29.5882, 0.5149, 0.3252



29.5882, 0.1920, 0.4054

Square

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



29.5882, 0.5149, 0.3252



29.5882, 0.3777, 0.5328



29.5882, 0.1446, 0.2814



29.5882, 0.2195, 0.1768

Rectangle

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



29.5882, 0.5149, 0.3252



29.5882, 0.4913, 0.4493



29.5882, 0.1446, 0.2814



29.5882, 0.1483, 0.1808

Sweetspot

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



29.5899, 0.5149, 0.3252



70.2234, 0.3491, 0.3276



34.8767, 0.3145, 0.1809



14.2209, 0.3561, 0.3274



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.



29.5899, 0.5149, 0.3252



24.7296, 0.5763, 0.3259



49.6991, 0.4606, 0.4035



17.9960, 0.3290, 0.3283



11.1216, 0.6370, 0.3283



1.0859, 0.6297, 0.3242

Inverse Universe

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



29.5899, 0.5149, 0.3252



24.7296, 0.5763, 0.3259



41.4332, 0.2134, 0.2309



17.9960, 0.3290, 0.3283



11.1216, 0.6370, 0.3283



1.0859, 0.6297, 0.3242

Previews

White Background



This preview shows how the Yxy color 29.5882, 0.5149, 0.3252 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5882, 0.5149, 0.3252 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 × Fail

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

Yxy 29.5882, 0.5149, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 29.5882, 0.5149, 0.3252.



This preview shows how white text looks on a background with the Yxy color 29.5882, 0.5149, 0.3252.

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

29.5882, 0.5149, 0.3252

Protanopia

29.7040, 0.3502, 0.3731

Deuteranopia

29.7706, 0.4113, 0.4041



Tritanopia

29.5882, 0.5149, 0.3252

Trichromacy



Original Color

29.5882, 0.5149, 0.3252

Protanomaly

27.8147, 0.4089, 0.3512

Deuteranomaly

28.4534, 0.4523, 0.3690

Tritanomaly

29.5882, 0.5149, 0.3252

Monochromacy



Original Color

29.5882, 0.5149, 0.3252

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5917, 0.3835, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5882, 0.5149, 0.3252 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(254, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(254, 92, 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(254, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 92, 97) }
```

Border

The CSS property to change the border of an element to Yxy 29.5882, 0.5149, 0.3252 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(254, 92, 97) }
```

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

```
.border{ border-color:rgb(254, 92, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 92, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(254, 92,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5882, 0.5149, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 92, 97) }
```

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

```
.background{ background-color: rgb(254, 92,  
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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