

Converting Colors

$Y_{xy}(29.0291, 0.5295, 0.3304)$

Have a look what the booklet for
Yxy(29.0291, 0.5295, 0.3304)
contains.

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Color

Yxy(29.1093, 0.5288, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	FF5958
RGB	255, 89, 88
RGB Percent	100%, 35%, 35%
CMY	0.0000, 0.6510, 0.6550
CMYK	0.00, 0.65, 0.65, 0.00
HSL	0°, 100%, 67%
HSV	0°, 65%, 100%
XYZ	46.5749, 29.1093, 12.3924
YIQ	138.5200, 99.2570, 34.8810

Conversions

Conversions Part 2

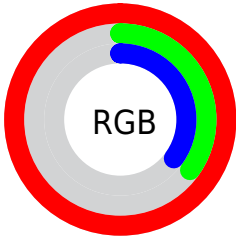
Format	Color
R_{YB}	255, 89, 88
Decimal	16734552
CIE _{Lab}	60.88, 62.82, 35.62
CIE _{LCh}	61, 72.220, 29.557
Yxy	29.1093, 0.5288, 0.3305
Android (android.graphics.Color)	4294924632 (0xFFFF5958)
YUV	138.5200, -24.9064, 102.1530
Hunter-Lab	53.9530, 59.6721, 24.1489

Details

The Yxy color **29.1093, 0.5288, 0.3305** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **80.1628, 0.2350, 0.3276**, and the grayscale version is **25.6934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6527, 0.4340, 0.3377**, and **11.7799, 0.5953, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **25.2418, 0.5754, 0.3306**, and if you desaturate by 10%, it is **34.5767, 0.4806, 0.3303**.

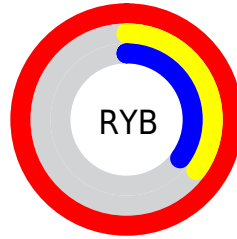
Distribution



Red (100%)

Green (35%)

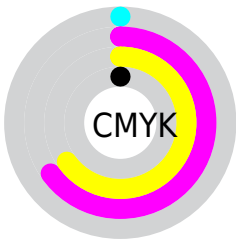
Blue (35%)



Red (100%)

Yellow (35%)

Blue (35%)

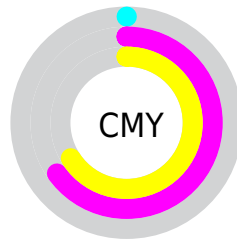


Cyan (0%)

Magenta (65%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1093, 0.5288, 0.3305 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 29.1093, 0.5288, 0.3305 by changing the saturation by 10% instead.


 29.1093, 0.5288,
0.3305


 29.1093, 0.5288,
0.3305


297.7303, 0.4136,
0.3385

 19.1635, 0.5582,
0.3251


 58.2507, 0.4861,
0.3359


 11.7885, 0.5953,
0.3159


 78.2151, 0.4702,
0.3371


 6.5998, 0.6427,
0.3002


 102.2878, 0.4569,
0.3379

 3.2131, 0.7192,
0.2786

 130.8533, 0.4456,
0.3383

 1.2440, 0.7771,
0.2229

 164.2959, 0.4359,
0.3385

 0.0972, 0.9512,
0.0488

203.0000, 0.4275,


 0.0000, 1.0000,


0.3386


0.0000

247.3500, 0.4201,
0.3386


 0.0000, 0.0000,
0.0000


 29.1093, 0.5288,
0.3305


 29.1093, 0.5288,
0.3305


 25.2418, 0.5754,
0.3306


 34.5767, 0.4806,
0.3303


 22.8001, 0.6127,
0.3304


 41.7901, 0.4363,
0.3301

 21.5725, 0.6344,
0.3302

 50.8813, 0.3983,
0.3298

 21.2939, 0.6398,
0.3302

 61.9689, 0.3671,
0.3296

 75.1617, 0.3420,
0.3293

 90.5607, 0.3220,
0.3291

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.



29.1093, 0.4495, 0.2618



29.1093, 0.5288, 0.3305



29.1093, 0.5282, 0.4059

Triad

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



29.1093, 0.5288, 0.3305



29.1093, 0.2648, 0.5202



29.1093, 0.1587, 0.1678

Complementary

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



29.1093, 0.5288, 0.3305



80.1628, 0.2350, 0.3276

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.



29.1093, 0.1305, 0.1951



29.1093, 0.5288, 0.3305



29.1093, 0.1797, 0.3953

Square

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



29.1093, 0.5288, 0.3305



29.1093, 0.3684, 0.5452



29.1093, 0.1356, 0.2681



29.1093, 0.2235, 0.1731

Rectangle

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



29.1093, 0.5288, 0.3305



29.1093, 0.4905, 0.4595



29.1093, 0.1356, 0.2681



29.1093, 0.1455, 0.1728

Sweetspot

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



29.1099, 0.5288, 0.3305



68.9540, 0.3526, 0.3294



35.4565, 0.3197, 0.1806



13.9773, 0.3598, 0.3295



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.



29.1099, 0.5288, 0.3305



24.2340, 0.5899, 0.3305



51.2760, 0.4612, 0.4101



18.0049, 0.3294, 0.3292



11.1342, 0.6396, 0.3303



1.0901, 0.6386, 0.3311

Inverse Universe

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



80.1628, 0.2350, 0.3276



78.7271, 0.2283, 0.3273



38.6056, 0.2093, 0.2200



20.4612, 0.2980, 0.3288



40.6335, 0.2241, 0.3269



3.9623, 0.2242, 0.3271

Previews

White Background



This preview shows how the Yxy color 29.1093, 0.5288, 0.3305 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 29.1093, 0.5288, 0.3305 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 29.1093, 0.5288, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 29.1093, 0.5288, 0.3305.



This preview shows how white text looks on a background with the Yxy color 29.1093, 0.5288, 0.3305.

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

29.1093, 0.5288, 0.3305

Protanopia

29.2842, 0.3609, 0.3856

Deuteranopia

29.0240, 0.4226, 0.4142



Tritanopia

29.0298, 0.5234, 0.3253

Trichromacy



Original Color

29.1093, 0.5288, 0.3305

Protanomaly

27.2384, 0.4223, 0.3605

Deuteranomaly

27.5493, 0.4661, 0.3766

Tritanomaly

28.9948, 0.5259, 0.3271

Monochromacy



Original Color

29.1093, 0.5288, 0.3305

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8546, 0.3896, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1093, 0.5288, 0.3305 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, 89, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 88)  
}
```

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, 89, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 88) }
```

Border

The CSS property to change the border of an element to Yxy 29.1093, 0.5288, 0.3305 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, 89, 88) }
```

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

```
.border{ border-color:rgb(255, 89, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1093, 0.5288, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 88) }
```

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

```
.background{ background-color: rgb(255, 89,  
88) }
```

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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