

Converting Colors

$Y_{xy}(29.1652, 0.5235, 0.3417)$

Have a look what the booklet for
Yxy(29.1652, 0.5235, 0.3417)
contains.

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Color

Yxy(29.1304, 0.5232, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	F86153
RGB	248, 97, 83
RGB Percent	97%, 38%, 33%
CMY	0.0276, 0.6194, 0.6745
CMYK	0.00, 0.61, 0.67, 0.03
HSL	5°, 92%, 65%
HSV	5°, 67%, 97%
XYZ	44.5384, 29.1304, 11.4581
YIQ	140.5530, 94.4900, 27.6580

Conversions

Conversions Part 2

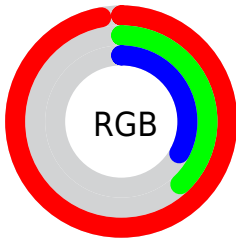
Format	Color
R_{YB}	248, 98, 83
Decimal	16277843
CIE _{Lab}	60.90, 56.91, 38.16
CIE _{LCh}	61, 68.518, 33.841
Yxy	29.1304, 0.5232, 0.3422
Android (android.graphics.Color)	4294467923 (0xFFFF86153)
YUV	140.5530, -28.3736, 94.2310
Hunter-Lab	53.9726, 52.8468, 25.1939

Details

The Yxy color **29.1304, 0.5232, 0.3422** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **67.4133, 0.2305, 0.3114**, and the grayscale version is **26.5429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.7359, 0.4353, 0.3501**, and **11.8341, 0.5876, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **25.2032, 0.5681, 0.3414**, and if you desaturate by 10%, it is **34.3962, 0.4774, 0.3415**.

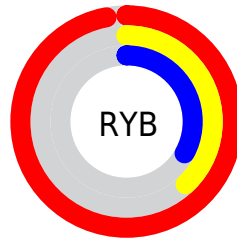
Distribution



Red (97%)

Green (38%)

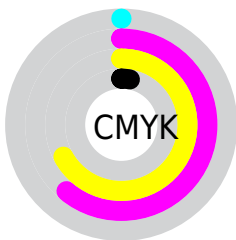
Blue (33%)



Red (97%)

Yellow (38%)

Blue (33%)

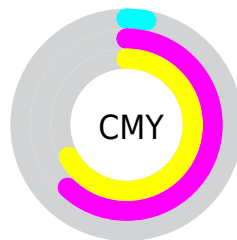


Cyan (0%)

Magenta (61%)

Yellow (67%)

Black (3%)



Cyan (3%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1304, 0.5232, 0.3422 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 29.1304, 0.5232, 0.3422 by changing the saturation by 10% instead.

 29.1304, 0.5232,
0.3422


 29.1304, 0.5232,
0.3422

297.8297, 0.4111,
0.3442


 19.1795, 0.5516,
0.3381


 58.2842, 0.4817,
0.3455


 11.8000, 0.5874,
0.3305


 78.2559, 0.4663,
0.3459


 6.6077, 0.6329,
0.3164


 102.3366, 0.4533,
0.3460

 3.2180, 0.7041,
0.2959

 130.9108, 0.4423,
0.3458

 1.2466, 0.7590,
0.2410

 164.3628, 0.4329,
0.3455

 0.0993, 0.9436,
0.0564

203.0770, 0.4247,


 0.0000, 1.0000,

0.3451


0.0000

247.4379, 0.4175,
0.3447


 0.0000, 0.0000,
0.0000


 29.1304, 0.5232,
0.3422


 29.1304, 0.5232,
0.3422

 25.2032, 0.5681,
0.3414


 34.3962, 0.4774,
0.3415


 22.4891, 0.6056,
0.3388

 41.1016, 0.4352,
0.3398


 20.8471, 0.6296,
0.3350


 49.3437, 0.3988,
0.3376

 20.4906, 0.6351,
0.3339

 59.2094, 0.3685,
0.3352

 70.7794, 0.3437,
0.3327

 84.1289, 0.3237,
0.3304

 98.6901, 0.3084,
0.3290

Harmonies

Analogous

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



29.1304, 0.4573, 0.2741



29.1304, 0.5232, 0.3422



29.1304, 0.5139, 0.4162

Triad

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



29.1304, 0.5232, 0.3422



29.1304, 0.2549, 0.4963



29.1304, 0.1713, 0.1730

Complementary

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



29.1304, 0.5232, 0.3422



67.4133, 0.2305, 0.3114

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.



29.1304, 0.1391, 0.1950



29.1304, 0.5232, 0.3422



29.1304, 0.1773, 0.3730

Square

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



29.1304, 0.5232, 0.3422



29.1304, 0.3539, 0.5373



29.1304, 0.1397, 0.2587



29.1304, 0.2398, 0.1819

Rectangle

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



29.1304, 0.5232, 0.3422



29.1304, 0.4743, 0.4672



29.1304, 0.1397, 0.2587



29.1304, 0.1568, 0.1765

Sweetspot

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



29.1320, 0.5232, 0.3422



70.8986, 0.3518, 0.3336



32.0892, 0.3334, 0.1888



14.4315, 0.3588, 0.3343



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.



29.1320, 0.5232, 0.3422



25.6782, 0.5828, 0.3407



52.9065, 0.4523, 0.4241



17.4626, 0.3292, 0.3311



11.1531, 0.6337, 0.3350



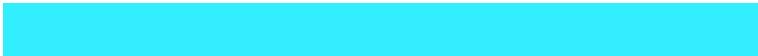
1.1116, 0.6201, 0.3458

Inverse Universe

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



67.4133, 0.2305, 0.3114



68.8575, 0.2227, 0.3074



30.9841, 0.2034, 0.1989



19.3408, 0.2980, 0.3269



33.4075, 0.2173, 0.3021



3.1664, 0.2182, 0.3055

Previews

White Background



This preview shows how the Yxy color 29.1304, 0.5232, 0.3422 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 29.1304, 0.5232, 0.3422 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 29.1304, 0.5232, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 29.1304, 0.5232, 0.3422.



This preview shows how white text looks on a background with the Yxy color 29.1304, 0.5232, 0.3422.

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

29.1304, 0.5232, 0.3422

Protanopia

29.1977, 0.3711, 0.3994

Deuteranopia

29.0879, 0.4274, 0.4185



Tritanopia

29.2443, 0.5051, 0.3249

Trichromacy



Original Color

29.1304, 0.5232, 0.3422

Protanomaly

27.6031, 0.4272, 0.3755

Deuteranomaly

27.9445, 0.4655, 0.3853

Tritanomaly

29.3136, 0.5118, 0.3314

Monochromacy



Original Color

29.1304, 0.5232, 0.3422

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7266, 0.3865, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1304, 0.5232, 0.3422 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(248, 97, 83)` looks like.

```
.text, #text, p{  
    color:rgb(248, 97, 83)  
}
```

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(248, 97, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 97, 83) }
```

Border

The CSS property to change the border of an element to Yxy 29.1304, 0.5232, 0.3422 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(248, 97, 83) }
```

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

```
.border{ border-color:rgb(248, 97, 83) }
```

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

Here you see how a box with a 4 pixel rgb(248, 97, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 97, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 97, 83);  
box-shadow:4px 4px 4px 4px rgb(248, 97,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1304, 0.5232, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 97, 83) }
```

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

```
.background{ background-color: rgb(248, 97,  
83) }
```

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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