

Converting Colors

$Y_{xy}(31.0905, 0.4908, 0.3385)$

Have a look what the booklet for
Yxy(31.0905, 0.4908, 0.3385)
contains.

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Color

Yxy(31.0905, 0.4908, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	F46D64
RGB	244, 109, 100
RGB Percent	96%, 43%, 39%
CMY	0.0431, 0.5725, 0.6079
CMYK	0.00, 0.55, 0.59, 0.04
HSL	4°, 87%, 67%
HSV	4°, 59%, 96%
XYZ	45.0789, 31.0905, 15.6784
YIQ	148.3390, 83.3490, 25.8210

Conversions

Conversions Part 2

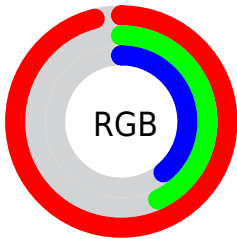
Format	Color
R_{YB}	244, 110, 100
Decimal	16018788
CIE Lab	62.58, 51.20, 30.66
CIE LCh	63, 59.680, 30.915
Yxy	31.0905, 0.4908, 0.3385
Android (android.graphics.Color)	4294208868 (0xFFFF46D64)
YUV	148.3390, -23.8311, 83.8947
Hunter-Lab	55.7589, 46.7325, 22.3599

Details

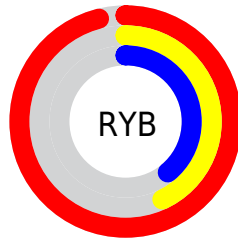
The Yxy color **31.0905, 0.4908, 0.3385** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **68.6542, 0.2374, 0.3177**, and the grayscale version is **29.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0453, 0.4119, 0.3430**, and **12.8405, 0.5475, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **26.4268, 0.5376, 0.3387**, and if you desaturate by 10%, it is **37.1685, 0.4467, 0.3374**.

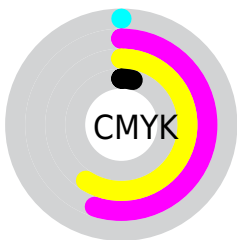
Distribution



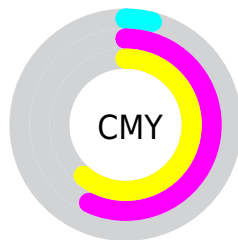
- Red (96%)
- Green (43%)
- Blue (39%)



- Red (96%)
- Yellow (43%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (4%)





- Cyan (4%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0905, 0.4908, 0.3385 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 31.0905, 0.4908, 0.3385 by changing the saturation by 10% instead.

 31.0905, 0.4908,
0.3385


 31.0905, 0.4908,
0.3385


306.9550, 0.3959,
0.3395


 20.6678, 0.5155,
0.3359


 61.3825, 0.4553,
0.3405


 12.8814, 0.5473,
0.3310


 82.0206, 0.4423,
0.3408

 7.3469, 0.5892,
0.3216


 106.8326, 0.4313,
0.3408

 3.6800, 0.6476,
0.3045

 136.2029, 0.4220,
0.3406

 1.4962, 0.7294,
0.2706

170.5159, 0.4141,
0.3404

 0.2861, 0.8575,
0.1425

210.1560, 0.4072,


 0.0000, 1.0000,


0.3401


0.0000


255.5076, 0.4012,
0.3398

 0.0000, 0.0000,
0.0000


 31.0905, 0.4908,
0.3385


 31.0905, 0.4908,
0.3385


 26.4268, 0.5376,
0.3387

 37.1685, 0.4467,
0.3374


 23.0586, 0.5815,
0.3377

 44.7571, 0.4082,
0.3358


 20.8562, 0.6157,
0.3355

 53.9500, 0.3759,
0.3340

 19.6566, 0.6354,
0.3327

 64.8319, 0.3496,
0.3322

 19.5840, 0.6367,
0.3326

 77.4815, 0.3283,
0.3305

91.9725, 0.3112,
0.3289

97.9746, 0.3060,
0.3290

Harmonies

Analogous

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



31.0905, 0.4281, 0.2768



31.0905, 0.4908, 0.3385



31.0905, 0.4925, 0.4049

Triad

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



31.0905, 0.4908, 0.3385



31.0905, 0.2736, 0.4753



31.0905, 0.1839, 0.1918

Complementary

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



31.0905, 0.4908, 0.3385



68.6542, 0.2374, 0.3177

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.



31.0905, 0.1573, 0.2165



31.0905, 0.4908, 0.3385



31.0905, 0.2010, 0.3783

Square

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



31.0905, 0.4908, 0.3385



31.0905, 0.3616, 0.5058



31.0905, 0.1620, 0.2786



31.0905, 0.2426, 0.1968

Rectangle

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



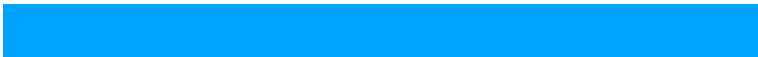
31.0905, 0.4908, 0.3385



31.0905, 0.4631, 0.4487



31.0905, 0.1620, 0.2786



31.0905, 0.1716, 0.1964

Sweetspot

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



31.0922, 0.4908, 0.3385



72.9418, 0.3473, 0.3320



34.4498, 0.3261, 0.1966



14.8073, 0.3543, 0.3326



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.



31.0922, 0.4908, 0.3385



28.2952, 0.5474, 0.3386



52.4746, 0.4375, 0.4116



16.6489, 0.3292, 0.3305



10.7125, 0.6356, 0.3335



0.9988, 0.6246, 0.3423

Inverse Universe

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



68.6542, 0.2374, 0.3177



73.1757, 0.2287, 0.3151



36.0779, 0.2163, 0.2230



18.5697, 0.2981, 0.3275



34.0168, 0.2193, 0.3094



3.0425, 0.2200, 0.3120

Previews

White Background



This preview shows how the Yxy color 31.0905, 0.4908, 0.3385 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 31.0905, 0.4908, 0.3385 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 31.0905, 0.4908, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 31.0905, 0.4908, 0.3385.



This preview shows how white text looks on a background with the Yxy color 31.0905, 0.4908, 0.3385.

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

31.0905, 0.4908, 0.3385

Protanopia

31.4459, 0.3563, 0.3811

Deuteranopia

31.2493, 0.4086, 0.4001



Tritanopia

31.1428, 0.4757, 0.3224

Trichromacy



Original Color

31.0905, 0.4908, 0.3385

Protanomaly

29.9625, 0.4053, 0.3635

Deuteranomaly

30.4689, 0.4403, 0.3746

Tritanomaly

31.2417, 0.4813, 0.3285

Monochromacy



Original Color

31.0905, 0.4908, 0.3385

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7562, 0.3728, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0905, 0.4908, 0.3385 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(244, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(244, 109, 100)  
}
```

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(244, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 109, 100) }
```

Border

The CSS property to change the border of an element to Yxy 31.0905, 0.4908, 0.3385 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(244, 109, 100) }
```

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

```
.border{ border-color:rgb(244, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(244, 109,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0905, 0.4908, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 109, 100) }
```

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

```
.background{ background-color: rgb(244,  
109, 100) }
```

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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