

Converting Colors

$Yxy(25.6264, 0.5547, 0.3405)$

Have a look what the booklet for
Yxy(25.6264, 0.5547, 0.3405)
contains.

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Color

Yxy(25.7235, 0.5544, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	F65042
RGB	246, 80, 66
RGB Percent	96%, 31%, 26%
CMY	0.0353, 0.6862, 0.7410
CMYK	0.00, 0.67, 0.73, 0.04
HSL	5°, 91%, 61%
HSV	5°, 73%, 96%
XYZ	41.8583, 25.7235, 7.9202
YIQ	128.0380, 103.4300, 30.8380

Conversions

Conversions Part 2

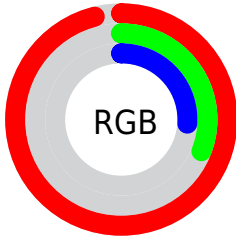
Format	Color
R _Y B	246, 81, 66
Decimal	16142402
CIE Lab	57.77, 62.42, 43.71
CIE LCh	58, 76.201, 35.001
Yxy	25.7235, 0.5544, 0.3407
Android (android.graphics.Color)	4294332482 (0xFFFF65042)
YUV	128.0380, -30.5847, 103.4527
Hunter-Lab	50.7183, 58.5604, 26.2441

Details

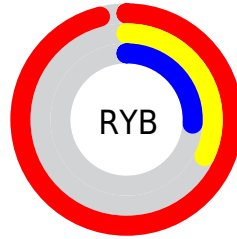
The Yxy color **25.7235, 0.5544, 0.3407** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **65.5436, 0.2267, 0.3112**, and the grayscale version is **21.6849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.3891, 0.4638, 0.3516**, and **9.9992, 0.6258, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **22.7134, 0.5952, 0.3389**, and if you desaturate by 10%, it is **29.9826, 0.5083, 0.3410**.

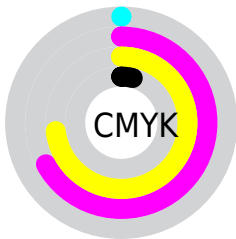
Distribution



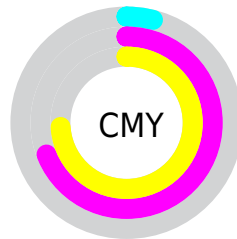
- Red (96%)
- Green (31%)
- Blue (26%)



- Red (96%)
- Yellow (32%)
- Blue (26%)



- Cyan (0%)
- Magenta (67%)
- Yellow (73%)
- Black (4%)




- Cyan (4%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7235, 0.5544, 0.3407 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 25.7235, 0.5544, 0.3407 by changing the saturation by 10% instead.


 25.7235, 0.5544,
0.3407


 25.7235, 0.5544,
0.3407


281.4221, 0.4251,
0.3469


 16.6169, 0.5865,
0.3340


 52.8285, 0.5068,
0.3466

 9.9617, 0.6261,
0.3221


 71.5958, 0.4890,
0.3477


 5.3736, 0.6800,
0.3035

 94.3520, 0.4740,
0.3481

 2.4681, 0.7349,
0.2651

 121.4817, 0.4612,
0.3482

 0.8606, 0.7984,
0.2016

 153.3691, 0.4502,
0.3480

 0.0000, 1.0000,
0.0000

190.3987, 0.4407,

 0.0000, 0.0000,

0.3477

0.0000

232.9549, 0.4324,
0.3473

■ 25.7235, 0.5544,
0.3407

■ 25.7235, 0.5544,
0.3407

■ 22.7134, 0.5952,
0.3389

■ 29.9826, 0.5083,
0.3410

■ 20.8125, 0.6240,
0.3356


■ 35.6023, 0.4632,
0.3400


■ 20.0609, 0.6357,
0.3335


■ 42.6868, 0.4226,
0.3383

■ 51.3288, 0.3881,
0.3361

■ 61.6134, 0.3596,
0.3339

 73.6197, 0.3365,
0.3317

 87.4215, 0.3178,
0.3296

 98.3321, 0.3072,
0.3290

Harmonies

Analogous

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



25.7235, 0.4839, 0.2678



25.7235, 0.5544, 0.3407



25.7235, 0.5349, 0.4213

Triad

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



25.7235, 0.5544, 0.3407



25.7235, 0.2388, 0.5237



25.7235, 0.1569, 0.1552

Complementary

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



25.7235, 0.5544, 0.3407



65.5436, 0.2267, 0.3112

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.



25.7235, 0.1213, 0.1758



25.7235, 0.5544, 0.3407



25.7235, 0.1560, 0.3720

Square

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



25.7235, 0.5544, 0.3407



25.7235, 0.3478, 0.5702



25.7235, 0.1193, 0.2419



25.7235, 0.2329, 0.1665

Rectangle

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



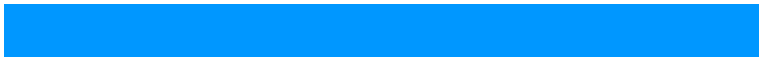
25.7235, 0.5544, 0.3407



25.7235, 0.4856, 0.4802



25.7235, 0.1193, 0.2419



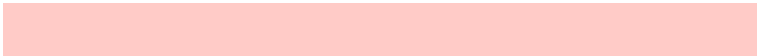
25.7235, 0.1410, 0.1581

Sweetspot

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



25.7250, 0.5544, 0.3407



68.2108, 0.3568, 0.3336



29.4343, 0.3324, 0.1785



13.9001, 0.3638, 0.3342



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.



25.7250, 0.5544, 0.3407



23.4720, 0.6115, 0.3374



47.9977, 0.4705, 0.4262



16.6890, 0.3292, 0.3309



10.7841, 0.6343, 0.3345



1.0180, 0.6211, 0.3450

Inverse Universe

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



65.5436, 0.2267, 0.3112



68.4125, 0.2203, 0.3072



27.7673, 0.1955, 0.1881



18.5247, 0.2981, 0.3271



32.9437, 0.2179, 0.3045



2.9596, 0.2189, 0.3078

Previews

White Background



This preview shows how the Yxy color 25.7235, 0.5544, 0.3407 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 25.7235, 0.5544, 0.3407 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 25.7235, 0.5544, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 25.7235, 0.5544, 0.3407.



This preview shows how white text looks on a background with the Yxy color 25.7235, 0.5544, 0.3407.

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

25.7235, 0.5544, 0.3407

Protanopia

25.8125, 0.3836, 0.4150

Deuteranopia

25.6723, 0.4426, 0.4338



Tritanopia

25.8321, 0.5382, 0.3263

Trichromacy



Original Color

25.7235, 0.5544, 0.3407

Protanomaly

23.9605, 0.4492, 0.3825

Deuteranomaly

24.4159, 0.4899, 0.3917

Tritanomaly

25.8879, 0.5447, 0.3321

Monochromacy



Original Color

25.7235, 0.5544, 0.3407

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.0467, 0.4025, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7235, 0.5544, 0.3407 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(246, 80, 66)` looks like.

```
.text, #text, p{  
  color:rgb(246, 80, 66)  
}
```

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(246, 80, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 80, 66) }
```

Border

The CSS property to change the border of an element to Yxy 25.7235, 0.5544, 0.3407 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(246, 80, 66) }
```

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

```
.border{ border-color:rgb(246, 80, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 80, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 80, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 80, 66);  
box-shadow:4px 4px 4px 4px rgb(246, 80,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7235, 0.5544, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 80, 66) }
```

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

```
.background{ background-color: rgb(246, 80,  
66) }
```

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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