

Converting Colors

$Y_{xy}(25.6521, 0.5437, 0.3340)$

Have a look what the booklet for
Yxy(25.6521, 0.5437, 0.3340)
contains.

Yxy(25.6578, 0.5438, 0.3338)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6578, 0.5438, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	F5504B
RGB	245, 80, 75
RGB Percent	96%, 31%, 29%
CMY	0.0392, 0.6863, 0.7058
CMYK	0.00, 0.67, 0.69, 0.04
HSL	2°, 89%, 63%
HSV	2°, 69%, 96%
XYZ	41.7996, 25.6578, 9.4084
YIQ	128.7650, 99.9450, 33.4250

Conversions

Conversions Part 2

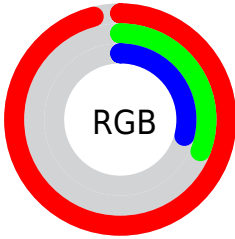
Format	Color
R_{YB}	245, 80, 75
Decimal	16076875
CIE _{Lab}	57.71, 62.51, 38.67
CIE _{LCh}	58, 73.505, 31.740
Yxy	25.6578, 0.5438, 0.3338
Android (android.graphics.Color)	4294266955 (0xFFFF5504B)
YUV	128.7650, -26.5061, 101.9381
Hunter-Lab	50.6535, 58.6557, 24.4450

Details

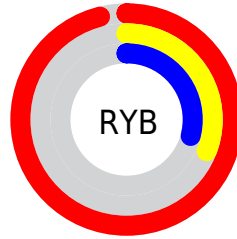
The Yxy color **25.6578, 0.5438, 0.3338** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **70.4347, 0.2316, 0.3226**, and the grayscale version is **21.9342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6066, 0.4542, 0.3427**, and **9.9175, 0.6156, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **22.4983, 0.5878, 0.3333**, and if you desaturate by 10%, it is **30.1813, 0.4961, 0.3337**.

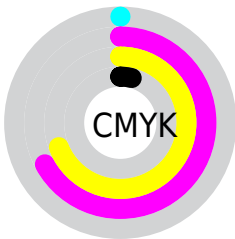
Distribution



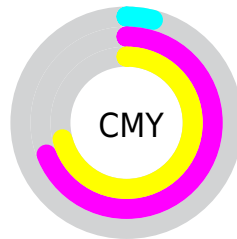
- Red (96%)
- Green (31%)
- Blue (29%)



- Red (96%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (4%)




- Cyan (4%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6578, 0.5438, 0.3338 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 25.6578, 0.5438, 0.3338 by changing the saturation by 10% instead.


 25.6578, 0.5438,
0.3338


 25.6578, 0.5438,
0.3338

281.0982, 0.4190,
0.3418


 16.5678, 0.5757,
0.3274


 52.7224, 0.4973,
0.3398

 9.9268, 0.6157,
0.3162

 71.4658, 0.4801,
0.3411


 5.3505, 0.6674,
0.2972

 94.1957, 0.4657,
0.3418

 2.4543, 0.7355,
0.2645

 121.2967, 0.4535,
0.3421

 0.8536, 0.7992,
0.2008

 153.1530, 0.4430,
0.3422

 0.0000, 1.0000,
0.0000

190.1491, 0.4339,

 0.0000, 0.0000,

0.3421

0.0000

232.6694, 0.4260,
0.3420

■ 25.6578, 0.5438,
0.3338

■ 25.6578, 0.5438,
0.3338

■ 22.4983, 0.5878,
0.3333

■ 30.1813, 0.4961,
0.3337

■ 20.5458, 0.6205,
0.3322

■ 36.1944, 0.4507,
0.3332


■ 19.6062, 0.6378,
0.3311

■ 43.8137, 0.4109,
0.3324


■ 19.5711, 0.6386,
0.3312

■ 53.1429, 0.3778,
0.3315

■ 64.2770, 0.3508,
0.3306

 77.3041, 0.3291,
0.3297

 92.3063, 0.3118,
0.3290

 98.1554, 0.3066,
0.3290

Harmonies

Analogous

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



25.6578, 0.4661, 0.2627



25.6578, 0.5438, 0.3338



25.6578, 0.5350, 0.4121

Triad

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



25.6578, 0.5438, 0.3338



25.6578, 0.2530, 0.5272



25.6578, 0.1553, 0.1600

Complementary

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



25.6578, 0.5438, 0.3338



70.4347, 0.2316, 0.3226

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.



25.6578, 0.1239, 0.1846



25.6578, 0.5438, 0.3338



25.6578, 0.1674, 0.3877

Square

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



25.6578, 0.5438, 0.3338



25.6578, 0.3604, 0.5597



25.6578, 0.1260, 0.2559



25.6578, 0.2252, 0.1679

Rectangle

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



25.6578, 0.5438, 0.3338



25.6578, 0.4914, 0.4687



25.6578, 0.1260, 0.2559



25.6578, 0.1410, 0.1642

Sweetspot

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



25.6593, 0.5438, 0.3338



68.2182, 0.3549, 0.3307



30.8713, 0.3227, 0.1772



13.8560, 0.3620, 0.3310



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.



25.6593, 0.5438, 0.3338



23.6794, 0.6019, 0.3330



46.0643, 0.4690, 0.4155



16.5601, 0.3293, 0.3297



10.5762, 0.6380, 0.3316



0.9564, 0.6327, 0.3359

Inverse Universe

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



70.4347, 0.2316, 0.3226



75.3730, 0.2254, 0.3213



32.2655, 0.2034, 0.2086



18.6697, 0.2981, 0.3283



36.4786, 0.2222, 0.3198



3.2319, 0.2225, 0.3210

Previews

White Background



This preview shows how the Yxy color 25.6578, 0.5438, 0.3338 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 25.6578, 0.5438, 0.3338 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 25.6578, 0.5438, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 25.6578, 0.5438, 0.3338.



This preview shows how white text looks on a background with the Yxy color 25.6578, 0.5438, 0.3338.

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

25.6578, 0.5438, 0.3338

Protanopia

25.7938, 0.3709, 0.3999

Deuteranopia

25.6665, 0.4329, 0.4233



Tritanopia

25.6290, 0.5348, 0.3262

Trichromacy



Original Color

25.6578, 0.5438, 0.3338

Protanomaly

23.9757, 0.4373, 0.3712

Deuteranomaly

24.3820, 0.4798, 0.3831

Tritanomaly

25.5836, 0.5385, 0.3288

Monochromacy



Original Color

25.6578, 0.5438, 0.3338

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1309, 0.3969, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6578, 0.5438, 0.3338 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(245, 80, 75)` looks like.

```
.text, #text, p{  
    color:rgb(245, 80, 75)  
}
```

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(245, 80, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 80, 75) }
```

Border

The CSS property to change the border of an element to Yxy 25.6578, 0.5438, 0.3338 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(245, 80, 75) }
```

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

```
.border{ border-color:rgb(245, 80, 75) }
```

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

Here you see how a box with a 4 pixel rgb(245, 80, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 80, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 80, 75);  
box-shadow:4px 4px 4px 4px rgb(245, 80,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6578, 0.5438, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 80, 75) }
```

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

```
.background{ background-color: rgb(245, 80,  
75) }
```

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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