

Converting Colors

$Y_{xy}(25.2450, 0.5402, 0.3379)$

Have a look what the booklet for
Yxy(25.2450, 0.5402, 0.3379)
contains.

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Color

Yxy(25.1928, 0.5402, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	F05349
RGB	240, 83, 73
RGB Percent	94%, 33%, 29%
CMY	0.0589, 0.6744, 0.7137
CMYK	0.00, 0.65, 0.70, 0.06
HSL	4°, 85%, 61%
HSV	4°, 70%, 94%
XYZ	40.2281, 25.1928, 9.0480
YIQ	128.8030, 96.7820, 30.1740

Conversions

Conversions Part 2

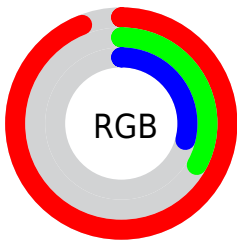
Format	Color
R_{YB}	240, 84, 73
Decimal	15749961
CIE _{Lab}	57.26, 59.62, 39.04
CIE _{LCh}	57, 71.262, 33.218
Yxy	25.1928, 0.5402, 0.3383
Android (android.graphics.Color)	4293940041 (0xFFFF05349)
YUV	128.8030, -27.5109, 97.5198
Hunter-Lab	50.1924, 55.2268, 24.4468

Details

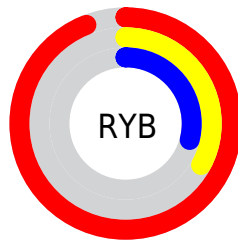
The Yxy color **25.1928, 0.5402, 0.3383** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **64.2875, 0.2299, 0.3160**, and the grayscale version is **21.9569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4213, 0.4545, 0.3478**, and **9.7450, 0.6116, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **22.0253, 0.5839, 0.3373**, and if you desaturate by 10%, it is **29.6086, 0.4934, 0.3382**.

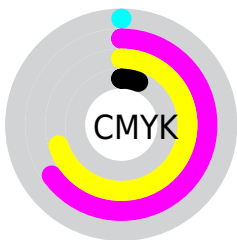
Distribution



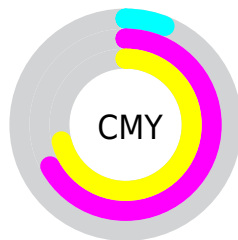
- Red (94%)
- Green (33%)
- Blue (29%)



- Red (94%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (6%)





- Cyan (6%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1928, 0.5402, 0.3383 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 25.1928, 0.5402, 0.3383 by changing the saturation by 10% instead.


 25.1928, 0.5402,
0.3383


 25.1928, 0.5402,
0.3383


278.7967, 0.4170,
0.3438

 16.2208, 0.5718,
0.3324


 51.9698, 0.4942,
0.3434


 9.6805, 0.6115,
0.3219


 70.5436, 0.4772,
0.3444

 5.1876, 0.6636,
0.3038

 93.0867, 0.4630,
0.3448

 2.3578, 0.7295,
0.2705

 119.9836, 0.4509,
0.3448

 0.8040, 0.7945,
0.2055

 151.6187, 0.4406,
0.3447

 0.0000, 1.0000,
0.0000


188.3763, 0.4317,


 0.0000, 0.0000,


0.3445


0.0000


230.6409, 0.4239,
0.3441

 25.1928, 0.5402,
0.3383

 25.1928, 0.5402,
0.3383

 22.0253, 0.5839,
0.3373


 29.6086, 0.4934,
0.3382


 19.9732, 0.6173,
0.3351

 35.3794, 0.4490,
0.3371


 18.8765, 0.6362,
0.3326


 42.6054, 0.4101,
0.3356


 18.8475, 0.6368,
0.3325

 51.3759, 0.3775,
0.3339

 61.7735, 0.3509,
0.3322

 73.8745, 0.3294,
0.3305

 87.7507, 0.3121,
0.3289

 97.2628, 0.3035,
0.3290

Harmonies

Analogous

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



25.1928, 0.4679, 0.2676



25.1928, 0.5402, 0.3383



25.1928, 0.5286, 0.4160

Triad

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



25.1928, 0.5402, 0.3383



25.1928, 0.2500, 0.5166



25.1928, 0.1606, 0.1627

Complementary

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



25.1928, 0.5402, 0.3383



64.2875, 0.2299, 0.3160

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.



25.1928, 0.1278, 0.1855



25.1928, 0.5402, 0.3383



25.1928, 0.1675, 0.3791

Square

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



25.1928, 0.5402, 0.3383



25.1928, 0.3554, 0.5555



25.1928, 0.1285, 0.2532



25.1928, 0.2316, 0.1718

Rectangle

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



25.1928, 0.5402, 0.3383



25.1928, 0.4849, 0.4715



25.1928, 0.1285, 0.2532



25.1928, 0.1458, 0.1663

Sweetspot

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



25.1943, 0.5402, 0.3383



68.9986, 0.3545, 0.3324



29.0953, 0.3285, 0.1809



14.0369, 0.3616, 0.3329



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.



25.1943, 0.5402, 0.3383



24.2691, 0.5978, 0.3366



45.8597, 0.4642, 0.4211



15.9108, 0.3292, 0.3305



10.3805, 0.6357, 0.3334



0.9167, 0.6246, 0.3422

Inverse Universe

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



64.2875, 0.2299, 0.3160



71.4307, 0.2232, 0.3132



28.9347, 0.2013, 0.2002



17.7571, 0.2981, 0.3275



33.1751, 0.2195, 0.3102



2.8088, 0.2202, 0.3128

Previews

White Background



This preview shows how the Yxy color 25.1928, 0.5402, 0.3383 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 25.1928, 0.5402, 0.3383 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 25.1928, 0.5402, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 25.1928, 0.5402, 0.3383.



This preview shows how white text looks on a background with the Yxy color 25.1928, 0.5402, 0.3383.

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

25.1928, 0.5402, 0.3383

Protanopia

25.3568, 0.3734, 0.4036

Deuteranopia

25.1488, 0.4333, 0.4254



Tritanopia

25.2575, 0.5265, 0.3252

Trichromacy



Original Color

25.1928, 0.5402, 0.3383

Protanomaly

23.5738, 0.4362, 0.3746

Deuteranomaly

24.0420, 0.4766, 0.3879

Tritanomaly

25.3294, 0.5321, 0.3305

Monochromacy



Original Color

25.1928, 0.5402, 0.3383

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1275, 0.3938, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1928, 0.5402, 0.3383 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(240, 83, 73)` looks like.

```
.text, #text, p{  
  color:rgb(240, 83, 73)  
}
```

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(240, 83, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 83, 73) }
```

Border

The CSS property to change the border of an element to Yxy 25.1928, 0.5402, 0.3383 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(240, 83, 73) }
```

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

```
.border{ border-color:rgb(240, 83, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 83, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 83, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 83, 73);  
box-shadow:4px 4px 4px 4px rgb(240, 83,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1928, 0.5402, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 83, 73) }
```

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

```
.background{ background-color: rgb(240, 83,  
73) }
```

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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