

Converting Colors

$Yxy(25.4924, 0.5554, 0.3367)$

Have a look what the booklet for
Yxy(25.4924, 0.5554, 0.3367)
contains.

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Color

Yxy(25.4993, 0.5553, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	F74D44
RGB	247, 77, 68
RGB Percent	97%, 30%, 27%
CMY	0.0314, 0.6980, 0.7332
CMYK	0.00, 0.69, 0.72, 0.03
HSL	3°, 92%, 62%
HSV	3°, 72%, 97%
XYZ	42.0545, 25.4993, 8.1792
YIQ	126.8040, 104.2090, 33.2410

Conversions

Conversions Part 2

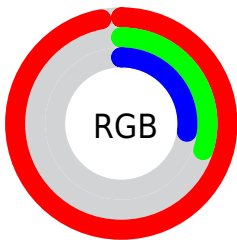
Format	Color
R _Y B	247, 77, 68
Decimal	16207172
CIE Lab	57.56, 63.94, 42.44
CIE LCh	58, 76.741, 33.573
Yxy	25.4993, 0.5553, 0.3367
Android (android.graphics.Color)	4294397252 (0xFFFF74D44)
YUV	126.8040, -28.9904, 105.4119
Hunter-Lab	50.4968, 60.2881, 25.7444

Details

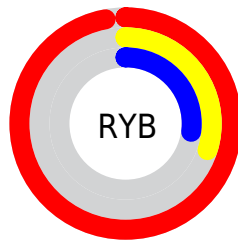
The Yxy color **25.4993, 0.5553, 0.3367** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **69.1006, 0.2287, 0.3176**, and the grayscale version is **21.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8723, 0.4630, 0.3476**, and **10.1291, 0.6241, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **22.5472, 0.5967, 0.3355**, and if you desaturate by 10%, it is **29.7644, 0.5084, 0.3369**.

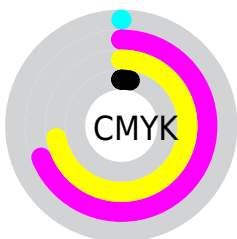
Distribution



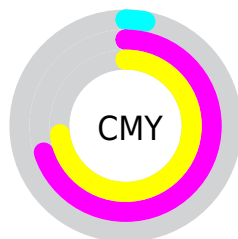
- Red (97%)
- Green (30%)
- Blue (27%)



- Red (97%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (69%)
- Yellow (72%)
- Black (3%)




- Cyan (3%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4993, 0.5553, 0.3367 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 25.4993, 0.5553, 0.3367 by changing the saturation by 10% instead.


 25.4993, 0.5553,
0.3367


 25.4993, 0.5553,
0.3367


280.3154, 0.4251,
0.3447


 16.4494, 0.5878,
0.3296


 52.4661, 0.5073,
0.3432


 9.8427, 0.6281,
0.3174


 71.1518, 0.4893,
0.3445


 5.2948, 0.6821,
0.2979

 93.8182, 0.4742,
0.3452

 2.4213, 0.7403,
0.2597

 120.8498, 0.4614,
0.3455

 0.8368, 0.8046,
0.1954

 152.6310, 0.4504,
0.3455

 0.0000, 1.0000,
0.0000

189.5460, 0.4408,


 0.0000, 0.0000,

0.3453

0.0000


231.9794, 0.4325,
0.3451


 25.4993, 0.5553,
0.3367

 25.4993, 0.5553,
0.3367

 22.5472, 0.5967,
0.3355

 29.7644, 0.5084,
0.3369


 20.7523, 0.6256,
0.3334


 35.4666, 0.4625,
0.3362


 20.0458, 0.6375,
0.3320


 42.7203, 0.4215,
0.3350

 51.6275, 0.3867,
0.3336

 62.2813, 0.3582,
0.3321

 74.7680, 0.3352,
0.3307

 89.1681, 0.3167,
0.3293

 98.5131, 0.3078,
0.3290

Harmonies

Analogous

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



25.4993, 0.4801, 0.2639



25.4993, 0.5553, 0.3367



25.4993, 0.5391, 0.4173

Triad

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



25.4993, 0.5553, 0.3367



25.4993, 0.2427, 0.5315



25.4993, 0.1533, 0.1542

Complementary

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



25.4993, 0.5553, 0.3367



69.1006, 0.2287, 0.3176

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.



25.4993, 0.1192, 0.1765



25.4993, 0.5553, 0.3367



25.4993, 0.1576, 0.3800

Square

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



25.4993, 0.5553, 0.3367



25.4993, 0.3529, 0.5713



25.4993, 0.1188, 0.2456



25.4993, 0.2275, 0.1642

Rectangle

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



25.4993, 0.5553, 0.3367



25.4993, 0.4907, 0.4765



25.4993, 0.1188, 0.2456



25.4993, 0.1379, 0.1576

Sweetspot

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



25.5008, 0.5553, 0.3367



67.4868, 0.3572, 0.3320



30.0870, 0.3291, 0.1773



13.7333, 0.3642, 0.3324



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.



25.5008, 0.5553, 0.3367



23.1934, 0.6121, 0.3346



47.6313, 0.4717, 0.4229



16.6158, 0.3293, 0.3302



10.6607, 0.6365, 0.3328



0.9831, 0.6275, 0.3399

Inverse Universe

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



69.1006, 0.2287, 0.3176



72.1652, 0.2227, 0.3151



29.3027, 0.1974, 0.1938



18.6068, 0.2981, 0.3278



34.9191, 0.2204, 0.3133



3.1121, 0.2209, 0.3154

Previews

White Background



This preview shows how the Yxy color 25.4993, 0.5553, 0.3367 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 25.4993, 0.5553, 0.3367 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 25.4993, 0.5553, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 25.4993, 0.5553, 0.3367.



This preview shows how white text looks on a background with the Yxy color 25.4993, 0.5553, 0.3367.

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

25.4993, 0.5553, 0.3367

Protanopia

25.7658, 0.3794, 0.4107

Deuteranopia

25.5686, 0.4407, 0.4333



Tritanopia

25.3708, 0.5441, 0.3264

Trichromacy



Original Color

25.4993, 0.5553, 0.3367

Protanomaly

23.5240, 0.4487, 0.3773

Deuteranomaly

24.0674, 0.4891, 0.3899

Tritanomaly

25.4510, 0.5482, 0.3305

Monochromacy



Original Color

25.4993, 0.5553, 0.3367

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.6358, 0.4023, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4993, 0.5553, 0.3367 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(247, 77, 68)` looks like.

```
.text, #text, p{  
    color:rgb(247, 77, 68)  
}
```

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(247, 77, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 77, 68) }
```

Border

The CSS property to change the border of an element to Yxy 25.4993, 0.5553, 0.3367 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(247, 77, 68) }
```

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

```
.border{ border-color:rgb(247, 77, 68) }
```

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

Here you see how a box with a 4 pixel rgb(247, 77, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 77, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 77, 68);  
box-shadow:4px 4px 4px 4px rgb(247, 77,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4993, 0.5553, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 77, 68) }
```

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

```
.background{ background-color: rgb(247, 77,  
68) }
```

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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