

Converting Colors

$Yxy(25.6546, 0.5635, 0.3259)$

Have a look what the booklet for
Yxy(25.6546, 0.5635, 0.3259)
contains.

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Color

Yxy(25.6243, 0.5635, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	FF4248
RGB	255, 66, 72
RGB Percent	100%, 26%, 28%
CMY	0.0000, 0.7412, 0.7177
CMYK	0.00, 0.74, 0.72, 0.00
HSL	358°, 100%, 63%
HSV	358°, 74%, 100%
XYZ	44.3603, 25.6243, 8.7382
YIQ	123.1950, 110.7180, 41.9340

Conversions

Conversions Part 2

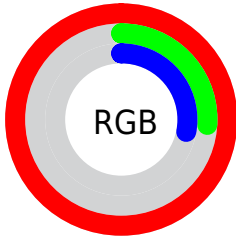
Format	Color
R_{YB}	255, 66, 72
Decimal	16728648
CIE Lab	57.68, 70.26, 40.76
CIE LCh	58, 81.231, 30.121
Yxy	25.6243, 0.5635, 0.3255
Android (android.graphics.Color)	4294918728 (0xFFFF4248)
YUV	123.1950, -25.2391, 115.5930
Hunter-Lab	50.6205, 67.8396, 25.1995

Details

The Yxy color **25.6243, 0.5635, 0.3255** 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 **79.5179, 0.2328, 0.3360**, and the grayscale version is **19.9319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8192, 0.4638, 0.3355**, and **11.0310, 0.6203, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **23.0192, 0.6035, 0.3266**, and if you desaturate by 10%, it is **29.6851, 0.5165, 0.3250**.

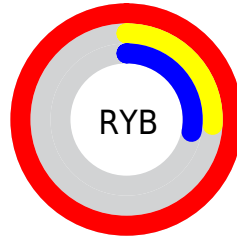
Distribution



Red (100%)

Green (26%)

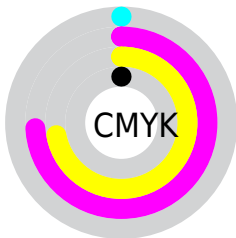
Blue (28%)



Red (100%)

Yellow (26%)

Blue (28%)

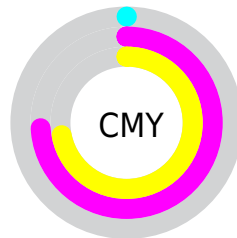


Cyan (0%)

Magenta (74%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6243, 0.5635, 0.3255 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 25.6243, 0.5635, 0.3255 by changing the saturation by 10% instead.


 25.6243, 0.5635,
0.3255


 25.6243, 0.5635,
0.3255


280.9329, 0.4290,
0.3395


 16.5428, 0.5971,
0.3171


 52.6682, 0.5139,
0.3341


 9.9091, 0.6388,
0.3033

 71.3994, 0.4953,
0.3363

 5.3387, 0.6928,
0.2815

 94.1160, 0.4797,
0.3376

 2.4473, 0.7565,
0.2435

 121.2023, 0.4665,
0.3385

 0.8501, 0.8207,
0.1793

 153.0427, 0.4551,
0.3390

 0.0000, 1.0000,
0.0000


190.0217, 0.4452,

 0.0000, 0.0000,


0.3393


0.0000


232.5236, 0.4366,
0.3395


 25.6243, 0.5635,
0.3255

 25.6243, 0.5635,
0.3255


 23.0192, 0.6035,
0.3266


 29.6851, 0.5165,
0.3250


 21.6620, 0.6297,
0.3282

 35.3723, 0.4695,
0.3251


 21.2777, 0.6378,
0.3287

 42.8325, 0.4271,
0.3256

 52.1963, 0.3912,
0.3263

 63.5818, 0.3618,
0.3271

 77.0977, 0.3382,
0.3279

 92.8448, 0.3193,
0.3287

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.6243, 0.4745, 0.2521



25.6243, 0.5635, 0.3255



25.6243, 0.5541, 0.4068

Triad

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



25.6243, 0.5635, 0.3255



25.6243, 0.2499, 0.5579



25.6243, 0.1410, 0.1481

Complementary

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



25.6243, 0.5635, 0.3255



79.5179, 0.2328, 0.3360

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.



25.6243, 0.1104, 0.1748



25.6243, 0.5635, 0.3255



25.6243, 0.1577, 0.4024

Square

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



25.6243, 0.5635, 0.3255



25.6243, 0.3645, 0.5792



25.6243, 0.1134, 0.2526



25.6243, 0.2119, 0.1552

Rectangle

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



25.6243, 0.5635, 0.3255



25.6243, 0.5061, 0.4681



25.6243, 0.1134, 0.2526



25.6243, 0.1269, 0.1528

Sweetspot

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



25.6242, 0.5635, 0.3255



66.2629, 0.3563, 0.3273



31.2010, 0.3141, 0.1662



13.4519, 0.3634, 0.3271



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.



25.6242, 0.5635, 0.3255



22.2157, 0.6183, 0.3273



44.8305, 0.4909, 0.4090



17.9964, 0.3290, 0.3283



11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Inverse Universe

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



25.6242, 0.5635, 0.3255



22.2157, 0.6183, 0.3273



35.9424, 0.2007, 0.2117



17.9964, 0.3290, 0.3283



11.1221, 0.6369, 0.3282



1.0861, 0.6293, 0.3240

Previews

White Background



This preview shows how the Yxy color 25.6243, 0.5635, 0.3255 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 25.6243, 0.5635, 0.3255 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 25.6243, 0.5635, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 25.6243, 0.5635, 0.3255.



This preview shows how white text looks on a background with the Yxy color 25.6243, 0.5635, 0.3255.

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

25.6243, 0.5635, 0.3255

Protanopia

25.8123, 0.3698, 0.3983

Deuteranopia

25.6101, 0.4373, 0.4290



Tritanopia

25.7040, 0.5662, 0.3284

Trichromacy



Original Color

25.6243, 0.5635, 0.3255

Protanomaly

22.9843, 0.4459, 0.3622

Deuteranomaly

23.6633, 0.4924, 0.3799

Tritanomaly

25.7165, 0.5651, 0.3276

Monochromacy



Original Color

25.6243, 0.5635, 0.3255

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.1601, 0.4094, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6243, 0.5635, 0.3255 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(255, 66, 72)` looks like.

```
.text, #text, p{  
  color:rgb(255, 66, 72)  
}
```

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(255, 66, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 72) }
```

Border

The CSS property to change the border of an element to Yxy 25.6243, 0.5635, 0.3255 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(255, 66, 72) }
```

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

```
.border{ border-color:rgb(255, 66, 72) }
```

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

Here you see how a box with a 4 pixel rgb(255, 66, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6243, 0.5635, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 72) }
```

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

```
.background{ background-color: rgb(255, 66,  
72) }
```

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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