

Converting Colors

$Yxy(26.3381, 0.5602, 0.3301)$

Have a look what the booklet for
Yxy(26.3381, 0.5602, 0.3301)
contains.

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Color

Yxy(26.3497, 0.5605, 0.3305)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF4847 |
| RGB | 255, 72, 71 |
| RGB Percent | 100%, 28%, 28% |
| CMY | 0.0001, 0.7174, 0.7216 |
| CMYK | 0.00, 0.72, 0.72, 0.00 |
| HSL | 0°, 100%, 64% |
| HSV | 0°, 72%, 100% |
| XYZ | 44.6869, 26.3497, 8.6902 |
| YIQ | 126.6030, 109.3890, 38.4850 |

Conversions

Conversions Part 2

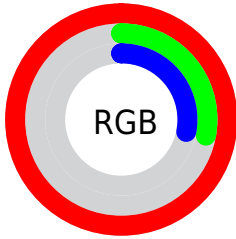
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 72, 71 |
| Decimal | 16730183 |
| CIE _{Lab} | 58.37, 68.24, 42.11 |
| CIE _{LCh} | 58, 80.189, 31.677 |
| Yxy | 26.3497, 0.5605, 0.3305 |
| Android (android.graphics.Color) | 4294920263 (0xFFFF4847) |
| YUV | 126.6030, -27.4123, 112.6042 |
| Hunter-Lab | 51.3320, 65.5616, 25.8949 |

Details

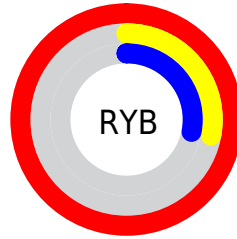
The Yxy color **26.3497, 0.5605, 0.3305** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **79.3817, 0.2313, 0.3275**, and the grayscale version is **21.1556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1186, 0.4617, 0.3415**, and **11.0217, 0.6224, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **23.4574, 0.6018, 0.3305**, and if you desaturate by 10%, it is **30.7325, 0.5126, 0.3304**.

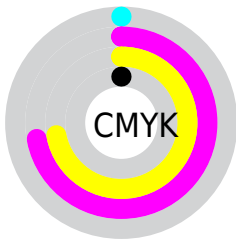
Distribution



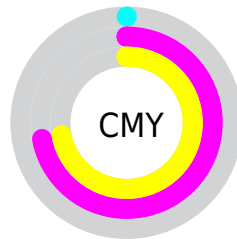
- Red (100%)
- Green (28%)
- Blue (28%)



- Red (100%)
- Yellow (28%)
- Blue (28%)



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



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3497, 0.5605, 0.3305 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 26.3497, 0.5605, 0.3305 by changing the saturation by 10% instead.


 26.3497, 0.5605,
0.3305


 26.3497, 0.5605,
0.3305


284.4945, 0.4283,
0.3419


 17.0854, 0.5933,
0.3227


 53.8386, 0.5119,
0.3382


 10.2954, 0.6339,
0.3098


 72.8320, 0.4936,
0.3400

 5.5953, 0.6864,
0.2891


 95.8372, 0.4783,
0.3411

 2.6006, 0.7476,
0.2524

 123.2386, 0.4652,
0.3417

 0.9270, 0.8102,
0.1898

 155.4207, 0.4540,
0.3420

 0.0000, 1.0000,
0.0000


192.7678, 0.4443,

 0.0000, 0.0000,

0.3421


0.0000

235.6642, 0.4358,
0.3421

 26.3497, 0.5605,
0.3305


 26.3497, 0.5605,
0.3305


 23.4574, 0.6018,
0.3305


 30.7325, 0.5126,
0.3304


 21.8546, 0.6291,
0.3303


 36.7644, 0.4652,
0.3302


 21.2866, 0.6398,
0.3302

 44.5888, 0.4229,
0.3300

 54.3323, 0.3872,
0.3297

 66.1101, 0.3581,
0.3295

 80.0283, 0.3348,
0.3292

 96.1858, 0.3162,
0.3290

99.9946, 0.3127,
0.3290

Harmonies

Analogous

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



26.3497, 0.4777, 0.2573



26.3497, 0.5605, 0.3305



26.3497, 0.5477, 0.4116

Triad

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



26.3497, 0.5605, 0.3305



26.3497, 0.2463, 0.5466



26.3497, 0.1462, 0.1505

Complementary

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



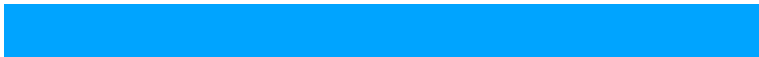
26.3497, 0.5605, 0.3305



79.3817, 0.2313, 0.3275

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.



26.3497, 0.1140, 0.1751



26.3497, 0.5605, 0.3305



26.3497, 0.1572, 0.3921

Square

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



26.3497, 0.5605, 0.3305



26.3497, 0.3592, 0.5766



26.3497, 0.1154, 0.2490



26.3497, 0.2187, 0.1589

Rectangle

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



26.3497, 0.5605, 0.3305



26.3497, 0.4993, 0.4722



26.3497, 0.1154, 0.2490



26.3497, 0.1315, 0.1546

Sweetspot

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



26.3513, 0.5605, 0.3305



66.3292, 0.3577, 0.3295



32.9780, 0.3201, 0.1716



13.4671, 0.3649, 0.3295



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.



26.3513, 0.5605, 0.3305



22.5397, 0.6171, 0.3304



47.8970, 0.4796, 0.4142



18.0039, 0.3294, 0.3292



11.1328, 0.6397, 0.3303



1.0896, 0.6387, 0.3311

Inverse Universe

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



79.3817, 0.2313, 0.3275



78.2493, 0.2259, 0.3272



34.7450, 0.2008, 0.2068



20.4624, 0.2980, 0.3288



40.6615, 0.2242, 0.3270



3.9647, 0.2242, 0.3272

Previews

White Background



This preview shows how the Yxy color 26.3497, 0.5605, 0.3305 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 26.3497, 0.5605, 0.3305 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 26.3497, 0.5605, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 26.3497, 0.5605, 0.3305.



This preview shows how white text looks on a background with the Yxy color 26.3497, 0.5605, 0.3305.

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

26.3497, 0.5605, 0.3305

Protanopia

26.5333, 0.3743, 0.4054

Deuteranopia

26.3751, 0.4384, 0.4315



Tritanopia

26.4027, 0.5560, 0.3275

Trichromacy



Original Color

26.3497, 0.5605, 0.3305

Protanomaly

23.9815, 0.4461, 0.3701

Deuteranomaly

24.4356, 0.4912, 0.3842

Tritanomaly

26.3891, 0.5572, 0.3282

Monochromacy



Original Color

26.3497, 0.5605, 0.3305

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5756, 0.4060, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3497, 0.5605, 0.3305 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, 72, 71)` looks like.

```
.text, #text, p{  
  color:rgb(255, 72, 71)  
}
```

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, 72, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 71) }
```

Border

The CSS property to change the border of an element to Yxy 26.3497, 0.5605, 0.3305 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, 72, 71) }
```

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

```
.border{ border-color:rgb(255, 72, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3497, 0.5605, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 71) }
```

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

```
.background{ background-color: rgb(255, 72,  
71) }
```

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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