

Converting Colors

$Y_{xy}(26.6350, 0.5501, 0.3297)$

Have a look what the booklet for
Yxy(26.6350, 0.5501, 0.3297)
contains.

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Color

Yxy(26.5733, 0.5509, 0.3297)

Conversions

Conversions Part 1

Format	Color
Hex	FD4C4C
RGB	253, 76, 76
RGB Percent	99%, 30%, 30%
CMY	0.0078, 0.7020, 0.7020
CMYK	0.00, 0.70, 0.70, 0.01
HSL	0°, 98%, 65%
HSV	0°, 70%, 99%
XYZ	44.4017, 26.5733, 9.6235
YIQ	128.9230, 105.4920, 37.5240

Conversions

Conversions Part 2

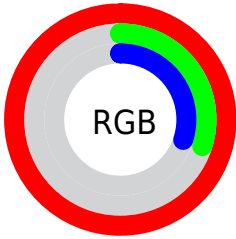
Format	Color
RYB	253, 76, 76
Decimal	16600140
CIELab	58.58, 66.51, 39.49
CIElCh	59, 77.351, 30.702
Yxy	26.5733, 0.5509, 0.3297
Android (android.graphics.Color)	4294790220 (0xFFFD4C4C)
YUV	128.9230, -26.0910, 108.8155
Hunter-Lab	51.5493, 63.5386, 25.0160

Details

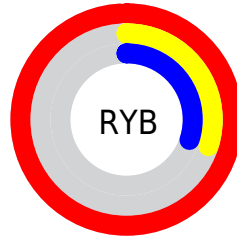
The Yxy color **26.5733, 0.5509, 0.3297** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **78.8892, 0.2327, 0.3288**, and the grayscale version is **21.9882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.0686, 0.4543, 0.3396**, and **10.7903, 0.6163, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **23.4627, 0.5943, 0.3298**, and if you desaturate by 10%, it is **31.1949, 0.5025, 0.3296**.

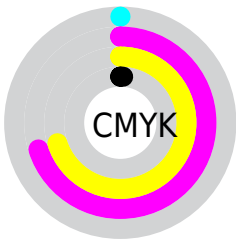
Distribution



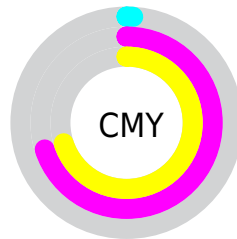
- Red (99%)
- Green (30%)
- Blue (30%)



- Red (99%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (1%)




- Cyan (1%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5733, 0.5509, 0.3297 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 26.5733, 0.5509, 0.3297 by changing the saturation by 10% instead.


 26.5733, 0.5509,
0.3297


 26.5733, 0.5509,
0.3297


285.5851, 0.4233,
0.3403


 17.2530, 0.5831,
0.3226


 54.1984, 0.5037,
0.3368


 10.4151, 0.6232,
0.3107


 73.2720, 0.4861,
0.3384

 5.6750, 0.6742,
0.2908


 96.3655, 0.4713,
0.3394

 2.6485, 0.7419,
0.2581

 123.8632, 0.4587,
0.3400

 0.9511, 0.8039,
0.1961

 156.1497, 0.4480,
0.3403

 0.0000, 1.0000,
0.0000


193.6092, 0.4386,


 0.0000, 0.0000,


0.3404


0.0000


236.6263, 0.4305,
0.3404


 26.5733, 0.5509,
0.3297


 26.5733, 0.5509,
0.3297


 23.4627, 0.5943,
0.3298


 31.1949, 0.5025,
0.3296


 21.6698, 0.6250,
0.3299

 37.4808, 0.4558,
0.3294


 20.8881, 0.6400,
0.3300

 45.5709, 0.4147,
0.3293


 20.8862, 0.6401,
0.3300

 55.5888, 0.3804,
0.3292

 67.6474, 0.3526,
0.3291

 81.8508, 0.3304,
0.3291

 98.2963, 0.3127,
0.3290

 99.6261, 0.3115,
0.3290

Harmonies

Analogous

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



26.5733, 0.4678, 0.2577



26.5733, 0.5509, 0.3297



26.5733, 0.5430, 0.4091

Triad

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



26.5733, 0.5509, 0.3297



26.5733, 0.2533, 0.5401



26.5733, 0.1491, 0.1555

Complementary

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



26.5733, 0.5509, 0.3297



78.8892, 0.2327, 0.3288

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.



26.5733, 0.1184, 0.1814



26.5733, 0.5509, 0.3297



26.5733, 0.1646, 0.3954

Square

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



26.5733, 0.5509, 0.3297



26.5733, 0.3636, 0.5669



26.5733, 0.1214, 0.2560



26.5733, 0.2188, 0.1626

Rectangle

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



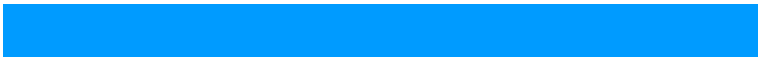
26.5733, 0.5509, 0.3297



26.5733, 0.4983, 0.4676



26.5733, 0.1214, 0.2560



26.5733, 0.1350, 0.1600

Sweetspot

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



26.5749, 0.5509, 0.3297



67.4821, 0.3552, 0.3291



33.1459, 0.3200, 0.1743



13.6857, 0.3624, 0.3291



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.



26.5749, 0.5509, 0.3297



22.9910, 0.6087, 0.3299



48.1385, 0.4735, 0.4131



17.9871, 0.3295, 0.3291



11.1089, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Inverse Universe

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



78.8892, 0.2327, 0.3288



79.2050, 0.2271, 0.3287



35.3597, 0.2036, 0.2112



20.4815, 0.2980, 0.3290



41.1419, 0.2247, 0.3287



4.0059, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.5733, 0.5509, 0.3297 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 26.5733, 0.5509, 0.3297 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 26.5733, 0.5509, 0.3297

Background



This preview shows how black text looks on a background with the Yxy color 26.5733, 0.5509, 0.3297.



This preview shows how white text looks on a background with the Yxy color 26.5733, 0.5509, 0.3297.

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

26.5733, 0.5509, 0.3297

Protanopia

26.6260, 0.3691, 0.3974

Deuteranopia

26.4422, 0.4332, 0.4248



Tritanopia

26.6160, 0.5473, 0.3273

Trichromacy



Original Color

26.5733, 0.5509, 0.3297

Protanomaly

24.2967, 0.4391, 0.3649

Deuteranomaly

24.9490, 0.4828, 0.3807

Tritanomaly

26.6016, 0.5485, 0.3281

Monochromacy



Original Color

26.5733, 0.5509, 0.3297

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2763, 0.4000, 0.3293

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5733, 0.5509, 0.3297 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(253, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 76, 76)  
}
```

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(253, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 76, 76) }
```

Border

The CSS property to change the border of an element to Yxy 26.5733, 0.5509, 0.3297 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(253, 76, 76) }
```

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

```
.border{ border-color:rgb(253, 76, 76) }
```

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

Here you see how a box with a 4 pixel rgb(253, 76, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 76,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5733, 0.5509, 0.3297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 76, 76) }
```

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

```
.background{ background-color: rgb(253, 76,  
76) }
```

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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