

Converting Colors

$Y_{xy}(26.1569, 0.5558, 0.3432)$

Have a look what the booklet for
Yxy(26.1569, 0.5558, 0.3432)
contains.

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Color

Yxy(26.1789, 0.5555, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	F75240
RGB	247, 82, 64
RGB Percent	97%, 32%, 25%
CMY	0.0314, 0.6784, 0.7492
CMYK	0.00, 0.67, 0.74, 0.03
HSL	6°, 92%, 61%
HSV	6°, 74%, 97%
XYZ	42.2989, 26.1789, 7.6679
YIQ	129.2830, 104.1180, 29.3820

Conversions

Conversions Part 2

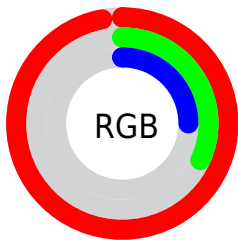
Format	Color
RYB	247, 84, 64
Decimal	16208448
CIELab	58.21, 61.88, 45.35
CIElCh	58, 76.722, 36.235
Yxy	26.1789, 0.5555, 0.3438
Android (android.graphics.Color)	4294398528 (0xFFFF75240)
YUV	129.2830, -32.1845, 103.2378
Hunter-Lab	51.1653, 58.0287, 26.9302

Details

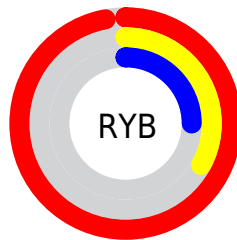
The Yxy color **26.1789, 0.5555, 0.3438** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **63.8090, 0.2249, 0.3060**, and the grayscale version is **22.1463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9175, 0.4645, 0.3556**, and **10.2412, 0.6264, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **23.1278, 0.5954, 0.3414**, and if you desaturate by 10%, it is **30.4462, 0.5102, 0.3442**.

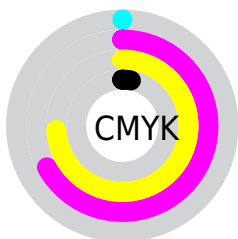
Distribution



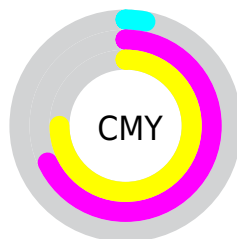
- Red (97%)
- Green (32%)
- Blue (25%)



- Red (97%)
- Yellow (33%)
- Blue (25%)



- Cyan (0%)
- Magenta (67%)
- Yellow (74%)
- Black (3%)



- Cyan (3%)
- Magenta (68%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1789, 0.5555, 0.3438 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 26.1789, 0.5555, 0.3438 by changing the saturation by 10% instead.


 26.1789, 0.5555,
0.3438

 26.1789, 0.5555,
0.3438


283.6592, 0.4263,
0.3488


 16.9575, 0.5872,
0.3372


 53.5634, 0.5082,
0.3494


 10.2042, 0.6261,
0.3255


 72.4953, 0.4904,
0.3503


 5.5346, 0.6797,
0.3076

 95.4329, 0.4754,
0.3506

 2.5642, 0.7312,
0.2688

 122.7605, 0.4626,
0.3505

 0.9087, 0.7935,
0.2065

 154.8626, 0.4516,
0.3502

 0.0000, 1.0000,
0.0000


 192.1234, 0.4420,


 0.0000, 0.0000,


0.3498


0.0000

234.9275, 0.4337,
0.3493


 26.1789, 0.5555,
0.3438

 26.1789, 0.5555,
0.3438


 23.1278, 0.5954,
0.3414


 30.4462, 0.5102,
0.3442

 21.1608, 0.6235,
0.3373


 36.0348, 0.4655,
0.3431


 20.4421, 0.6339,
0.3349


 43.0437, 0.4251,
0.3409

 51.5610, 0.3905,
0.3382

 61.6678, 0.3618,
0.3354

 73.4392, 0.3384,
0.3326

 86.9458, 0.3194,
0.3300

 98.5136, 0.3078,
0.3290

Harmonies

Analogous

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



26.1789, 0.4886, 0.2706



26.1789, 0.5555, 0.3438



26.1789, 0.5326, 0.4249

Triad

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



26.1789, 0.5555, 0.3438



26.1789, 0.2345, 0.5190



26.1789, 0.1591, 0.1549

Complementary

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



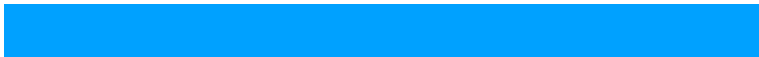
26.1789, 0.5555, 0.3438



63.8090, 0.2249, 0.3060

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.



26.1789, 0.1219, 0.1740



26.1789, 0.5555, 0.3438



26.1789, 0.1535, 0.3656

Square

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



26.1789, 0.5555, 0.3438



26.1789, 0.3432, 0.5712



26.1789, 0.1186, 0.2379



26.1789, 0.2369, 0.1675

Rectangle

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



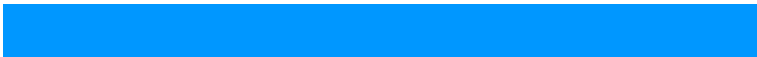
26.1789, 0.5555, 0.3438



26.1789, 0.4820, 0.4839



26.1789, 0.1186, 0.2379



26.1789, 0.1427, 0.1574

Sweetspot

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



26.1804, 0.5555, 0.3438



68.7715, 0.3566, 0.3348



29.2475, 0.3359, 0.1796



14.0295, 0.3635, 0.3356



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.



26.1804, 0.5555, 0.3438



23.6631, 0.6114, 0.3395



49.1677, 0.4700, 0.4296



16.7454, 0.3291, 0.3314



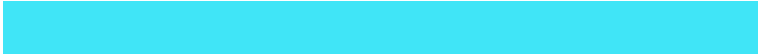
10.9024, 0.6323, 0.3361



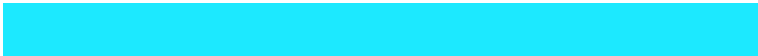
1.0448, 0.6163, 0.3488

Inverse Universe

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



63.8090, 0.2249, 0.3060



65.5250, 0.2183, 0.3008



26.6258, 0.1931, 0.1817



18.4619, 0.2981, 0.3266



31.4776, 0.2160, 0.2977



2.8460, 0.2172, 0.3020

Previews

White Background



This preview shows how the Yxy color 26.1789, 0.5555, 0.3438 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 26.1789, 0.5555, 0.3438 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 26.1789, 0.5555, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 26.1789, 0.5555, 0.3438.



This preview shows how white text looks on a background with the Yxy color 26.1789, 0.5555, 0.3438.

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

26.1789, 0.5555, 0.3438

Protanopia

26.2507, 0.3883, 0.4201

Deuteranopia

26.1461, 0.4462, 0.4368



Tritanopia

26.1885, 0.5357, 0.3255

Trichromacy



Original Color

26.1789, 0.5555, 0.3438

Protanomaly

24.4068, 0.4540, 0.3869

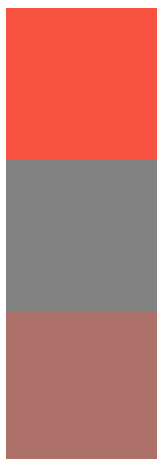
Deuteranomaly

24.7475, 0.4926, 0.3952

Tritanomaly

26.2296, 0.5435, 0.3321

Monochromacy



Original Color

26.1789, 0.5555, 0.3438

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3789, 0.4032, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1789, 0.5555, 0.3438 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, 82, 64)` looks like.

```
.text, #text, p{  
    color:rgb(247, 82, 64)  
}
```

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, 82, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 82, 64) }
```

Border

The CSS property to change the border of an element to Yxy 26.1789, 0.5555, 0.3438 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, 82, 64) }
```

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

```
.border{ border-color:rgb(247, 82, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 82, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 82, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 82, 64);  
box-shadow:4px 4px 4px 4px rgb(247, 82,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1789, 0.5555, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 82, 64) }
```

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

```
.background{ background-color: rgb(247, 82,  
64) }
```

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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