

Converting Colors

Yxy(26.4146, 0.5253, 0.3222)

Have a look what the booklet for
Yxy(26.4146, 0.5253, 0.3222)
contains.

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Color

Yxy(26.5469, 0.5252, 0.3226)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F7525A |
| RGB | 247, 82, 90 |
| RGB Percent | 97%, 32%, 35% |
| CMY | 0.0314, 0.6784, 0.6470 |
| CMYK | 0.00, 0.67, 0.64, 0.03 |
| HSL | 357°, 91%, 65% |
| HSV | 357°, 67%, 97% |
| XYZ | 43.2189, 26.5469, 12.5246 |
| YIQ | 132.2470, 95.7720, 37.4680 |

Conversions

Conversions Part 2

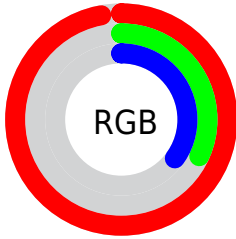
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 247, 82, 90 |
| Decimal | 16208474 |
| CIE _{Lab} | 58.55, 63.14, 31.27 |
| CIE _{LCh} | 59, 70.460, 26.348 |
| Yxy | 26.5469, 0.5252, 0.3226 |
| Android (android.graphics.Color) | 4294398554 (0xFFFF7525A) |
| YUV | 132.2470, -20.8278, 100.6384 |
| Hunter-Lab | 51.5237, 59.5624, 21.6541 |

Details

The Yxy color **26.5469, 0.5252, 0.3226** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **74.5412, 0.2377, 0.3386**, and the grayscale version is **23.2226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9096, 0.4350, 0.3294**, and **10.4373, 0.5953, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **23.1299, 0.5710, 0.3234**, and if you desaturate by 10%, it is **31.4332, 0.4783, 0.3227**.

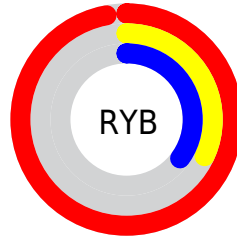
Distribution



Red (97%)

Green (32%)

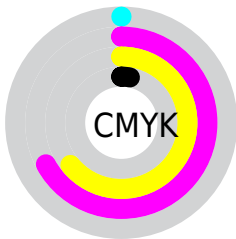
Blue (35%)



Red (97%)

Yellow (32%)

Blue (35%)

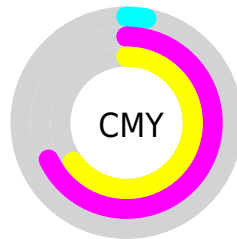


Cyan (0%)

Magenta (67%)

Yellow (64%)

Black (3%)



Cyan (3%)


Magenta (68%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5469, 0.5252, 0.3226 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 26.5469, 0.5252, 0.3226 by changing the saturation by 10% instead.

 26.5469, 0.5252,
0.3226


 26.5469, 0.5252,
0.3226


285.4565, 0.4099,
0.3339


 17.2332, 0.5555,
0.3164


 54.1559, 0.4818,
0.3291


 10.4009, 0.5944,
0.3064


 73.2201, 0.4659,
0.3308

 5.6656, 0.6451,
0.2893

 96.3032, 0.4526,
0.3319

 2.6428, 0.7292,
0.2657

 123.7896, 0.4414,
0.3327

 0.9482, 0.7946,
0.2054

 156.0637, 0.4318,
0.3332

 0.0000, 1.0000,
0.0000


193.5100, 0.4235,


 0.0000, 0.0000,


0.3336


0.0000


236.5128, 0.4163,
0.3338


 26.5469, 0.5252,
0.3226


 26.5469, 0.5252,
0.3226

 23.1299, 0.5710,
0.3234

 31.4332, 0.4783,
0.3227

 21.0138, 0.6086,
0.3252


 37.9241, 0.4353,
0.3234


 19.9932, 0.6319,
0.3276


 46.1448, 0.3984,
0.3245


 19.7989, 0.6365,
0.3280

 56.2067, 0.3679,
0.3257

 68.2121, 0.3434,
0.3270

 82.2557, 0.3238,
0.3282

 98.4258, 0.3081,
0.3294

 98.5124, 0.3078,
0.3290

Harmonies

Analogous

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



26.5469, 0.4381, 0.2546



26.5469, 0.5252, 0.3226



26.5469, 0.5329, 0.3975

Triad

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



26.5469, 0.5252, 0.3226



26.5469, 0.2752, 0.5300



26.5469, 0.1533, 0.1683

Complementary

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



26.5469, 0.5252, 0.3226



74.5412, 0.2377, 0.3386

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.



26.5469, 0.1287, 0.1997



26.5469, 0.5252, 0.3226



26.5469, 0.1863, 0.4112

Square

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



26.5469, 0.5252, 0.3226



26.5469, 0.3794, 0.5427



26.5469, 0.1375, 0.2789



26.5469, 0.2141, 0.1705

Rectangle

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



26.5469, 0.5252, 0.3226



26.5469, 0.4988, 0.4511



26.5469, 0.1375, 0.2789



26.5469, 0.1414, 0.1745

Sweetspot

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



26.5484, 0.5252, 0.3226



68.9251, 0.3508, 0.3266



31.0580, 0.3117, 0.1750



13.9706, 0.3576, 0.3262



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.



26.5484, 0.5252, 0.3226



23.9635, 0.5849, 0.3239



44.2448, 0.4716, 0.4028



16.4955, 0.3286, 0.3279



10.4777, 0.6350, 0.3272



0.9254, 0.6224, 0.3203

Inverse Universe

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



26.5484, 0.5252, 0.3226



23.9635, 0.5849, 0.3239



38.3020, 0.2106, 0.2294



16.4955, 0.3286, 0.3279



10.4777, 0.6350, 0.3272



0.9254, 0.6224, 0.3203

Previews

White Background



This preview shows how the Yxy color 26.5469, 0.5252, 0.3226 looks on a white background.

Color Contrast Check

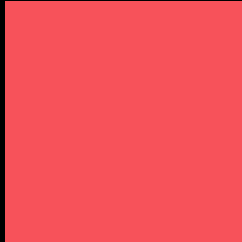
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5469, 0.5252, 0.3226 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 26.5469, 0.5252, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 26.5469, 0.5252, 0.3226.



This preview shows how white text looks on a background with the Yxy color 26.5469, 0.5252, 0.3226.

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

26.5469, 0.5252, 0.3226

Protanopia

26.7487, 0.3509, 0.3733

Deuteranopia

26.7078, 0.4146, 0.4071



Tritanopia

26.6488, 0.5284, 0.3262

Trichromacy



Original Color

26.5469, 0.5252, 0.3226

Protanomaly

24.7672, 0.4144, 0.3506

Deuteranomaly

25.2888, 0.4586, 0.3689

Tritanomaly

26.6653, 0.5271, 0.3253

Monochromacy



Original Color

26.5469, 0.5252, 0.3226

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3177, 0.3882, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5469, 0.5252, 0.3226 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(247, 82, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 82, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.5469, 0.5252, 0.3226 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, 90) }
```

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

```
.border{ border-color:rgb(247, 82, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 82, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 82, 90);  
box-shadow:4px 4px 4px 4px rgb(247, 82,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5469, 0.5252, 0.3226 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, 90) }
```

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

```
.background{ background-color: rgb(247, 82,  
90) }
```

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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