

Converting Colors

$Yxy(26.7502, 0.5028, 0.3409)$

Have a look what the booklet for
Yxy(26.7502, 0.5028, 0.3409)
contains.

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Color

Yxy(26.7841, 0.5025, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	E86358
RGB	232, 99, 88
RGB Percent	91%, 39%, 35%
CMY	0.0902, 0.6118, 0.6548
CMYK	0.00, 0.57, 0.62, 0.09
HSL	5°, 76%, 63%
HSV	5°, 62%, 91%
XYZ	39.5040, 26.7841, 12.3268
YIQ	137.5130, 82.7990, 24.7750

Conversions

Conversions Part 2

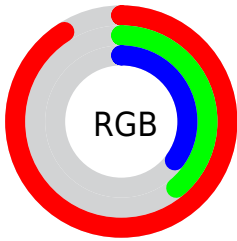
Format	Color
R_{YB}	232, 100, 88
Decimal	15229784
CIE _{Lab}	58.77, 50.84, 32.17
CIE _{LCh}	59, 60.160, 32.324
Yxy	26.7841, 0.5025, 0.3407
Android (android.graphics.Color)	4293419864 (0xFFE86358)
YUV	137.5130, -24.4099, 82.8651
Hunter-Lab	51.7534, 45.6829, 22.1054

Details

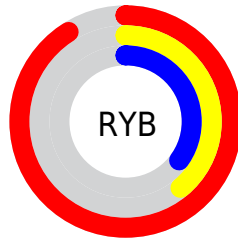
The Yxy color **26.7841, 0.5025, 0.3407** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **59.6326, 0.2345, 0.3145**, and the grayscale version is **25.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2062, 0.4297, 0.3460**, and **10.5146, 0.5648, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **22.9239, 0.5486, 0.3406**, and if you desaturate by 10%, it is **31.8469, 0.4578, 0.3396**.

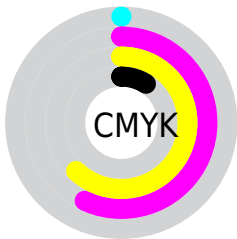
Distribution



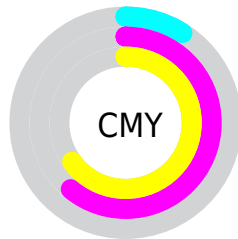
- Red (91%)
- Green (39%)
- Blue (35%)



- Red (91%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (57%)
- Yellow (62%)
- Black (9%)





- Cyan (9%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7841, 0.5025, 0.3407 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 26.7841, 0.5025, 0.3407 by changing the saturation by 10% instead.


 26.7841, 0.5025,
0.3407


 26.7841, 0.5025,
0.3407


286.6102, 0.3993,
0.3414


 17.4111, 0.5299,
0.3375


 54.5372, 0.4635,
0.3430


 10.5281, 0.5653,
0.3313


 73.6862, 0.4493,
0.3432


 5.7505, 0.6118,
0.3192

 96.8626, 0.4374,
0.3432

 2.6939, 0.6943,
0.3041

 124.4508, 0.4274,
0.3429

 0.9741, 0.7535,
0.2465

 156.8353, 0.4188,
0.3426

 0.0000, 1.0000,
0.0000

194.4005, 0.4114,

 0.0000, 0.0000,

0.3422

0.0000

237.5307, 0.4050,
0.3418

■ 26.7841, 0.5025,
0.3407

■ 26.7841, 0.5025,
0.3407

■ 22.9239, 0.5486,
0.3406

■ 31.8469, 0.4578,
0.3396

■ 20.1626, 0.5904,
0.3390

■ 38.1961, 0.4181,
0.3379

■ 18.3863, 0.6211,
0.3360

■ 45.9132, 0.3844,
0.3357

■ 17.5787, 0.6355,
0.3336

■ 55.0715, 0.3567,
0.3335

■ 65.7393, 0.3342,
0.3314

■ 77.9805, 0.3160,
0.3294

■ 91.8551, 0.3013,
0.3276

■ 95.8964, 0.2988,
0.3290

Harmonies

Analogous

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



26.7841, 0.4391, 0.2766



26.7841, 0.5025, 0.3407



26.7841, 0.5000, 0.4099

Triad

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



26.7841, 0.5025, 0.3407



26.7841, 0.2663, 0.4817



26.7841, 0.1799, 0.1850

Complementary

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



26.7841, 0.5025, 0.3407



59.6326, 0.2345, 0.3145

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.



26.7841, 0.1509, 0.2084



26.7841, 0.5025, 0.3407



26.7841, 0.1921, 0.3754

Square

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



26.7841, 0.5025, 0.3407



26.7841, 0.3583, 0.5167



26.7841, 0.1538, 0.2708



26.7841, 0.2424, 0.1917

Rectangle

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



26.7841, 0.5025, 0.3407



26.7841, 0.4668, 0.4561



26.7841, 0.1538, 0.2708



26.7841, 0.1667, 0.1891

Sweetspot

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



26.7856, 0.5025, 0.3407



71.9558, 0.3495, 0.3329



29.4366, 0.3293, 0.1938



14.6288, 0.3565, 0.3335



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.



26.7856, 0.5025, 0.3407



27.4942, 0.5590, 0.3404



46.4670, 0.4429, 0.4170



14.5435, 0.3291, 0.3309



9.8277, 0.6342, 0.3346



0.7882, 0.6190, 0.3467

Inverse Universe

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



59.6326, 0.2345, 0.3145



71.0748, 0.2262, 0.3113



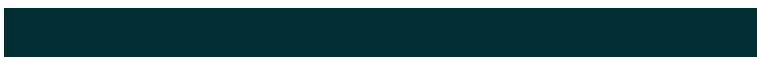
29.8493, 0.2112, 0.2133



16.1385, 0.2982, 0.3271



30.1079, 0.2181, 0.3051



2.2811, 0.2191, 0.3088

Previews

White Background



This preview shows how the Yxy color 26.7841, 0.5025, 0.3407 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 26.7841, 0.5025, 0.3407 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 26.7841, 0.5025, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 26.7841, 0.5025, 0.3407.



This preview shows how white text looks on a background with the Yxy color 26.7841, 0.5025, 0.3407.

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

26.7841, 0.5025, 0.3407

Protanopia

27.0413, 0.3623, 0.3892

Deuteranopia

26.8214, 0.4157, 0.4067



Tritanopia

26.8523, 0.4855, 0.3233

Trichromacy



Original Color

26.7841, 0.5025, 0.3407

Protanomaly

25.6463, 0.4130, 0.3682

Deuteranomaly

26.0285, 0.4489, 0.3793

Tritanomaly

26.9408, 0.4914, 0.3295

Monochromacy



Original Color

26.7841, 0.5025, 0.3407

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.5420, 0.3772, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7841, 0.5025, 0.3407 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(232, 99, 88)` looks like.

```
.text, #text, p{  
  color:rgb(232, 99, 88)  
}
```

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(232, 99, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 99, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.7841, 0.5025, 0.3407 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(232, 99, 88) }
```

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

```
.border{ border-color:rgb(232, 99, 88) }
```

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

Here you see how a box with a 4 pixel rgb(232, 99, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 99, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 99, 88);  
box-shadow:4px 4px 4px 4px rgb(232, 99,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7841, 0.5025, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 99, 88) }
```

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

```
.background{ background-color: rgb(232, 99,  
88) }
```

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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