

Converting Colors

$Y_{xy}(25.7494, 0.5230, 0.3531)$

Have a look what the booklet for
Yxy(25.7494, 0.5230, 0.3531)
contains.

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Color

$\text{Yxy}(25.6566, 0.5223, 0.3528)$

Conversions

Conversions Part 1

Format	Color
Hex	E66048
RGB	230, 96, 72
RGB Percent	90%, 38%, 28%
CMY	0.0981, 0.6235, 0.7176
CMYK	0.00, 0.58, 0.69, 0.10
HSL	9°, 76%, 59%
HSV	9°, 69%, 90%
XYZ	37.9831, 25.6566, 9.0831
YIQ	133.3300, 87.5680, 20.9440

Conversions

Conversions Part 2

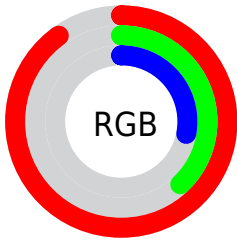
Format	Color
R_{YB}	230, 100, 72
Decimal	15097928
CIE Lab	57.71, 50.57, 39.70
CIE LCh	58, 64.293, 38.130
Yxy	25.6566, 0.5223, 0.3528
Android (android.graphics.Color)	4293288008 (0xFFE66048)
YUV	133.3300, -30.2357, 84.7796
Hunter-Lab	50.6523, 45.2117, 24.8246

Details

The Yxy color **25.6566, 0.5223, 0.3528** 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 **51.2242, 0.2256, 0.2962**, and the grayscale version is **23.6733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7737, 0.4485, 0.3601**, and **9.9170, 0.5894, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **22.2828, 0.5647, 0.3514**, and if you desaturate by 10%, it is **30.0282, 0.4788, 0.3517**.

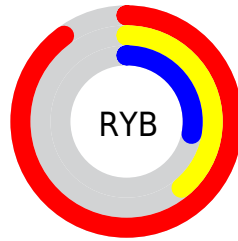
Distribution



Red (90%)

Green (38%)

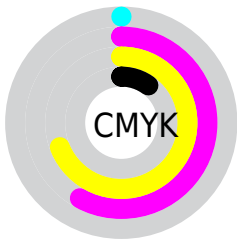
Blue (28%)



Red (90%)

Yellow (39%)

Blue (28%)

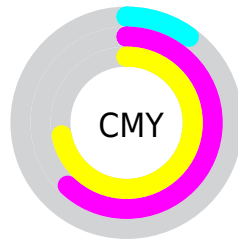


Cyan (0%)

Magenta (58%)

Yellow (69%)

Black (10%)



Cyan (10%)


Magenta (62%)

Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6566, 0.5223, 0.3528 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 25.6566, 0.5223, 0.3528 by changing the saturation by 10% instead.


 25.6566, 0.5223,
0.3528


 25.6566, 0.5223,
0.3528


281.0923, 0.4089,
0.3495


 16.5669, 0.5515,
0.3494

 52.7204, 0.4799,
0.3544

 9.9262, 0.5883,
0.3422


 71.4634, 0.4643,
0.3541

 5.3501, 0.6370,
0.3284

 94.1929, 0.4512,
0.3536

 2.4541, 0.6996,
0.3004

 121.2933, 0.4401,
0.3528

 0.8535, 0.7606,
0.2394

 153.1490, 0.4306,
0.3520

 0.0000, 1.0000,
0.0000

190.1445, 0.4224,

 0.0000, 0.0000,

0.3512

0.0000

232.6641, 0.4152,
0.3503

■ 25.6566, 0.5223,
0.3528

■ 25.6566, 0.5223,
0.3528

■ 22.2828, 0.5647,
0.3514

■ 30.0282, 0.4788,
0.3517

■ 19.8229, 0.6003,
0.3472

■ 35.4643, 0.4383,
0.3488


■ 18.1824, 0.6247,
0.3408

■ 42.0307, 0.4028,
0.3450


■ 18.0200, 0.6272,
0.3402


■ 49.7866, 0.3728,
0.3407

■ 58.7870, 0.3479,
0.3364

 69.0835, 0.3274,
0.3323

 80.7248, 0.3107,
0.3285

 93.6923, 0.2975,
0.3260

 95.5609, 0.2976,
0.3290

Harmonies

Analogous

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



25.6566, 0.4676, 0.2845



25.6566, 0.5223, 0.3528



25.6566, 0.5041, 0.4265

Triad

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



25.6566, 0.5223, 0.3528



25.6566, 0.2435, 0.4782



25.6566, 0.1810, 0.1750

Complementary

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



25.6566, 0.5223, 0.3528



51.2242, 0.2256, 0.2962

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.



25.6566, 0.1443, 0.1921



25.6566, 0.5223, 0.3528



25.6566, 0.1720, 0.3539

Square

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



25.6566, 0.5223, 0.3528



25.6566, 0.3398, 0.5335



25.6566, 0.1403, 0.2484



25.6566, 0.2540, 0.1877

Rectangle

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



25.6566, 0.5223, 0.3528



25.6566, 0.4614, 0.4760



25.6566, 0.1403, 0.2484



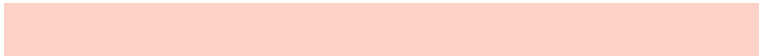
25.6566, 0.1650, 0.1771

Sweetspot

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



25.6580, 0.5223, 0.3528



71.3880, 0.3535, 0.3375



25.9276, 0.3463, 0.1946



14.5927, 0.3603, 0.3387



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.



25.6580, 0.5223, 0.3528



26.8592, 0.5792, 0.3501



47.8307, 0.4474, 0.4361



14.7197, 0.3289, 0.3326



10.3139, 0.6252, 0.3417



0.8720, 0.6006, 0.3613

Inverse Universe

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



51.2242, 0.2256, 0.2962



60.6940, 0.2170, 0.2887



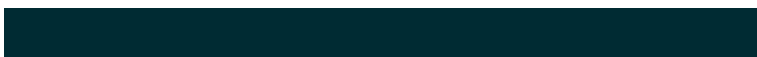
22.3479, 0.1970, 0.1791



15.9436, 0.2981, 0.3253



25.4885, 0.2112, 0.2801



1.9850, 0.2133, 0.2880

Previews

White Background



This preview shows how the Yxy color 25.6566, 0.5223, 0.3528 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 25.6566, 0.5223, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

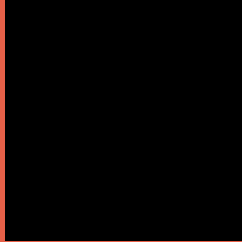
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.6566, 0.5223, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 25.6566, 0.5223, 0.3528.



This preview shows how white text looks on a background with the Yxy color 25.6566, 0.5223, 0.3528.

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

25.6566, 0.5223, 0.3528

Protanopia

25.8288, 0.3826, 0.4134

Deuteranopia

25.6548, 0.4338, 0.4244



Tritanopia

25.6995, 0.4932, 0.3244

Trichromacy



Original Color

25.6566, 0.5223, 0.3528

Protanomaly

24.4784, 0.4342, 0.3875

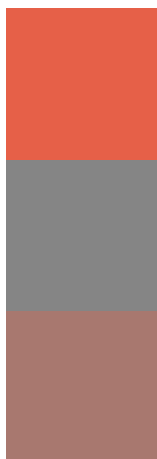
Deuteranomaly

24.9485, 0.4681, 0.3941

Tritanomaly

25.7156, 0.5044, 0.3346

Monochromacy



Original Color

25.6566, 0.5223, 0.3528

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.9055, 0.3856, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6566, 0.5223, 0.3528 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(230, 96, 72)` looks like.

```
.text, #text, p{  
    color:rgb(230, 96, 72)  
}
```

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(230, 96, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 96, 72) }
```

Border

The CSS property to change the border of an element to Yxy 25.6566, 0.5223, 0.3528 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(230, 96, 72) }
```

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

```
.border{ border-color:rgb(230, 96, 72) }
```

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

Here you see how a box with a 4 pixel rgb(230, 96, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 96, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 96, 72);  
box-shadow:4px 4px 4px 4px rgb(230, 96,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6566, 0.5223, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 96, 72) }
```

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

```
.background{ background-color: rgb(230, 96,  
72) }
```

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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