

Converting Colors

$Yxy(30.3928, 0.4754, 0.3461)$

Have a look what the booklet for
Yxy(30.3928, 0.4754, 0.3461)
contains.

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Color

Yxy(30.3374, 0.4753, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	E87364
RGB	232, 115, 100
RGB Percent	91%, 45%, 39%
CMY	0.0902, 0.5490, 0.6079
CMYK	0.00, 0.50, 0.57, 0.09
HSL	7°, 74%, 65%
HSV	7°, 57%, 91%
XYZ	41.7106, 30.3374, 15.7084
YIQ	148.2730, 74.5470, 20.1390

Conversions

Conversions Part 2

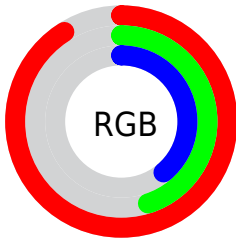
Format	Color
R _Y B	232, 117, 100
Decimal	15233892
CIE Lab	61.94, 43.99, 29.49
CIE LCh	62, 52.965, 33.836
Yxy	30.3374, 0.4753, 0.3457
Android (android.graphics.Color)	4293423972 (0xFFE87364)
YUV	148.2730, -23.7986, 73.4286
Hunter-Lab	55.0794, 38.7859, 21.6463

Details

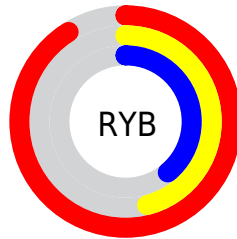
The Yxy color **30.3374, 0.4753, 0.3457** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.1513, 0.2374, 0.3093**, and the grayscale version is **29.8125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8703, 0.4096, 0.3482**, and **12.4700, 0.5272, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **25.7742, 0.5199, 0.3467**, and if you desaturate by 10%, it is **36.0774, 0.4342, 0.3434**.

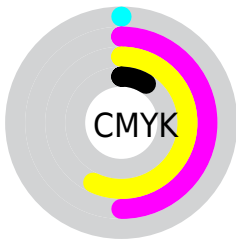
Distribution



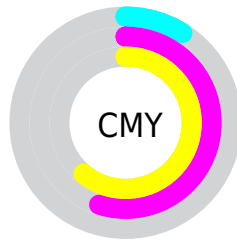
- Red (91%)
- Green (45%)
- Blue (39%)



- Red (91%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3374, 0.4753, 0.3457 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 30.3374, 0.4753, 0.3457 by changing the saturation by 10% instead.


 30.3374, 0.4753,
0.3457


 30.3374, 0.4753,
0.3457


303.4740, 0.3881,
0.3421


 20.0948, 0.4983,
0.3445


 60.1953, 0.4425,
0.3458


 12.4640, 0.5282,
0.3416


 80.5795, 0.4305,
0.3454

 7.0605, 0.5680,
0.3349


 105.1130, 0.4205,
0.3449

 3.5000, 0.6247,
0.3217

 134.1802, 0.4120,
0.3443

 1.3980, 0.7075,
0.2925

168.1655, 0.4047,
0.3437

 0.2152, 0.8632,
0.1368

207.4533, 0.3984,

 0.0000, 1.0000,

0.3431

0.0000


252.4280, 0.3929,
0.3426


 0.0000, 0.0000,
0.0000


 30.3374, 0.4753,
0.3457

 30.3374, 0.4753,
0.3457


 25.7742, 0.5199,
0.3467


 36.0774, 0.4342,
0.3434

 22.3013, 0.5640,
0.3457


 43.0630, 0.3986,
0.3405


 19.8283, 0.6014,
0.3426

 51.3635, 0.3687,
0.3373

 18.2472, 0.6264,
0.3376

 61.0417, 0.3442,
0.3340

 17.9137, 0.6320,
0.3364

 72.1563, 0.3243,
0.3310

■ 84.7627, 0.3080,
0.3282

■ 95.8970, 0.2988,
0.3290

Harmonies

Analogous

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



30.3374, 0.4236, 0.2875



30.3374, 0.4753, 0.3457



30.3374, 0.4733, 0.4071

Triad

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



30.3374, 0.4753, 0.3457



30.3374, 0.2715, 0.4514



30.3374, 0.1991, 0.2030

Complementary

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



30.3374, 0.4753, 0.3457



58.1513, 0.2374, 0.3093

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.



30.3374, 0.1714, 0.2239



30.3374, 0.4753, 0.3457



30.3374, 0.2071, 0.3642

Square

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



30.3374, 0.4753, 0.3457



30.3374, 0.3515, 0.4871



30.3374, 0.1734, 0.2779



30.3374, 0.2565, 0.2096

Rectangle

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



30.3374, 0.4753, 0.3457



30.3374, 0.4453, 0.4455



30.3374, 0.1734, 0.2779



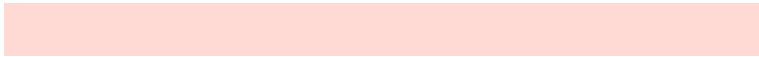
30.3374, 0.1866, 0.2067

Sweetspot

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



30.3390, 0.4753, 0.3457



75.4069, 0.3446, 0.3341



31.3715, 0.3323, 0.2061



15.5930, 0.3492, 0.3347



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.



30.3390, 0.4753, 0.3457



31.2352, 0.5265, 0.3467



50.3954, 0.4269, 0.4158



14.6307, 0.3290, 0.3317



10.0357, 0.6303, 0.3377



0.8298, 0.6096, 0.3542

Inverse Universe

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



58.1513, 0.2374, 0.3093



68.5658, 0.2279, 0.3048



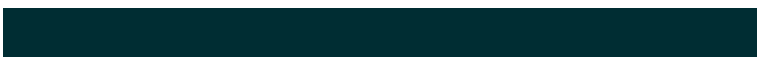
31.2486, 0.2178, 0.2183



16.0415, 0.2982, 0.3262



27.7520, 0.2147, 0.2929



2.1308, 0.2163, 0.2986

Previews

White Background



This preview shows how the Yxy color 30.3374, 0.4753, 0.3457 looks on a white background.

Color Contrast Check

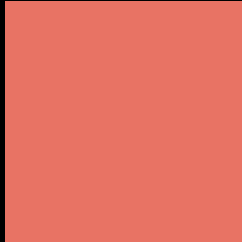
Large Text (above 18pt) WCAG AA × Fail

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 30.3374, 0.4753, 0.3457 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 ✓ Pass

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

Yxy 30.3374, 0.4753, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 30.3374, 0.4753, 0.3457.



This preview shows how white text looks on a background with the Yxy color 30.3374, 0.4753, 0.3457.

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

30.3374, 0.4753, 0.3457

Protanopia

30.5241, 0.3579, 0.3833

Deuteranopia

30.2949, 0.4057, 0.3971



Tritanopia

30.2680, 0.4532, 0.3206

Trichromacy



Original Color

30.3374, 0.4753, 0.3457

Protanomaly

29.4562, 0.3990, 0.3672

Deuteranomaly

29.9175, 0.4320, 0.3761

Tritanomaly

30.3261, 0.4616, 0.3294

Monochromacy



Original Color

30.3374, 0.4753, 0.3457

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8307, 0.3675, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3374, 0.4753, 0.3457 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, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(232, 115, 100)  
}
```

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, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 115, 100) }
```

Border

The CSS property to change the border of an element to Yxy 30.3374, 0.4753, 0.3457 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, 115, 100) }
```

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

```
.border{ border-color:rgb(232, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(232, 115,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3374, 0.4753, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 115, 100) }
```

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

```
.background{ background-color: rgb(232,  
115, 100) }
```

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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