

# Converting Colors

Yxy(30.1627, 0.4491, 0.3359)

Have a look what the booklet for  
Yxy(30.1627, 0.4491, 0.3359)  
contains.

<b>Yxy(30.2332, 0.4486, 0.3364)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# **Color**

**Yxy(30.2332, 0.4486, 0.3364)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E07771
RGB	224, 119, 113
RGB Percent	88%, 47%, 44%
CMY	0.1216, 0.5333, 0.5570
CMYK	0.00, 0.47, 0.50, 0.12
HSL	3°, 64%, 66%
HSV	3°, 50%, 88%
XYZ	40.3169, 30.2332, 19.3226
YIQ	149.7110, 64.5060, 20.3940

# Conversions

## Conversions Part 2

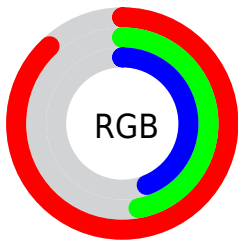
Format	Color
R <sub>Y</sub> B	224, 119, 113
Decimal	14710641
CIE Lab	61.85, 40.10, 21.84
CIE LCh	62, 45.662, 28.576
Yxy	30.2332, 0.4486, 0.3364
Android (android.graphics.Color)	4292900721 (0xFFE07771)
YUV	149.7110, -18.0985, 65.1515
Hunter-Lab	54.9847, 34.6598, 17.6537

# Details

The Yxy color **30.2332, 0.4486, 0.3364** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **59.0116, 0.2465, 0.3210**, and the grayscale version is **30.4281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8638, 0.3948, 0.3377**, and **12.3953, 0.4955, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **25.2986, 0.4929, 0.3373**, and if you desaturate by 10%, it is **36.4188, 0.4098, 0.3350**.

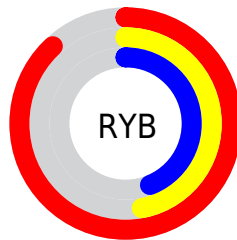
# Distribution



Red (88%)

Green (47%)

Blue (44%)



Red (88%)

Yellow (47%)

Blue (44%)

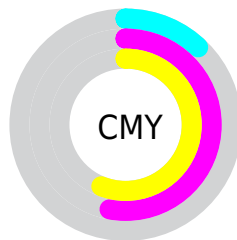


Cyan (0%)

Magenta (47%)

Yellow (50%)

Black (12%)



Cyan (12%)

Magenta (53%)


Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2332, 0.4486, 0.3364 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 30.2332, 0.4486, 0.3364 by changing the saturation by 10% instead.





 30.2332, 0.4486,  
0.3364

 30.2332, 0.4486,  
0.3364


302.9899, 0.3752,  
0.3358


 20.0157, 0.4684,  
0.3352


 60.0308, 0.4207,  
0.3371


 12.4064, 0.4947,  
0.3327


 80.3796, 0.4106,  
0.3371

 7.0211, 0.5306,  
0.3276


 104.8743, 0.4022,  
0.3369

 3.4753, 0.5818,  
0.3166

 133.8993, 0.3951,  
0.3367

 1.3846, 0.6929,  
0.3071

167.8390, 0.3891,  
0.3365

 0.2054, 0.8559,  
0.1441

207.0777, 0.3838,

 0.0000, 1.0000,

0.3363

0.0000

251.9999, 0.3793,  
0.3360

0.0000, 0.0000,  
0.0000

30.2332, 0.4486,  
0.3364

30.2332, 0.4486,  
0.3364

25.2986, 0.4929,  
0.3373

36.4188, 0.4098,  
0.3350

21.5254, 0.5396,  
0.3375

43.9276, 0.3773,  
0.3335

18.8199, 0.5834,  
0.3366


52.8319, 0.3508,  
0.3319

17.0714, 0.6170,  
0.3346

63.1973, 0.3293,  
0.3304

16.1403, 0.6363,  
0.3325

75.0856, 0.3120,  
0.3289

 16.1153, 0.6369,  
0.3325

 88.5546, 0.2981,  
0.3277

 94.5877, 0.2940,  
0.3289

# Harmonies

## Analogous

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



30.2332, 0.3970, 0.2849



30.2332, 0.4486, 0.3364



30.2332, 0.4566, 0.3911

# Triad

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



30.2332, 0.4486, 0.3364



30.2332, 0.2901, 0.4420



30.2332, 0.2063, 0.2192

# Complementary

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



30.2332, 0.4486, 0.3364



59.0116, 0.2465, 0.3210

# 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.



30.2332, 0.1859, 0.2438



30.2332, 0.4486, 0.3364



30.2332, 0.2292, 0.3739

# Square

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



30.2332, 0.4486, 0.3364



30.2332, 0.3609, 0.4646



30.2332, 0.1931, 0.2976



30.2332, 0.2533, 0.2206



# Rectangle

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



30.2332, 0.4486, 0.3364



30.2332, 0.4377, 0.4252



30.2332, 0.1931, 0.2976



30.2332, 0.1965, 0.2244

# Sweetspot

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



30.2348, 0.4486, 0.3364



76.8322, 0.3406, 0.3312



32.7356, 0.3238, 0.2147



15.8279, 0.3453, 0.3315



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.



30.2348, 0.4486, 0.3364



34.0228, 0.4922, 0.3373



47.3249, 0.4128, 0.3998



13.8196, 0.3291, 0.3303



9.4322, 0.6359, 0.3333



0.6966, 0.6241, 0.3426



# Inverse Universe

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



59.0116, 0.2465, 0.3210



76.6020, 0.2376, 0.3192



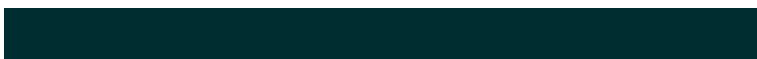
35.0604, 0.2317, 0.2436



15.4378, 0.2982, 0.3277



30.5408, 0.2200, 0.3120



2.1565, 0.2208, 0.3148



# Previews

## White Background



This preview shows how the Yxy color 30.2332, 0.4486, 0.3364 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

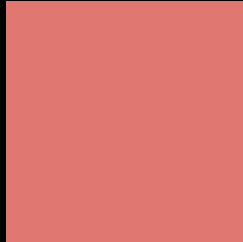
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 30.2332, 0.4486, 0.3364 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

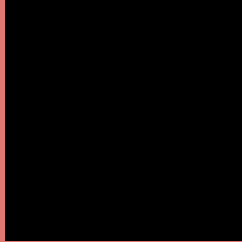
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 30.2332, 0.4486, 0.3364**

## Background



This preview shows how black text looks on a background with the Yxy color 30.2332, 0.4486, 0.3364.



This preview shows how white text looks on a background with the Yxy color 30.2332, 0.4486, 0.3364.

# 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

30.2332, 0.4486, 0.3364

### Protanopia

30.6141, 0.3436, 0.3648

### Deuteranopia

30.5156, 0.3871, 0.3799



## Tritanopia

30.2108, 0.4356, 0.3201

# Trichromacy



**Original Color**

30.2332, 0.4486, 0.3364

**Protanomaly**

29.8155, 0.3799, 0.3536

**Deuteranomaly**

30.0558, 0.4104, 0.3630

**Tritanomaly**

30.3449, 0.4401, 0.3259

# Monochromacy



**Original Color**

30.2332, 0.4486, 0.3364

**Achromatopsia**

30.4987, 0.3127, 0.3290

**Achromatomaly**

29.6185, 0.3574, 0.3320

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 30.2332, 0.4486, 0.3364 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(224, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(224, 119, 113)  
}
```

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(224, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 119, 113) }
```

## Border

The CSS property to change the border of an element to Yxy 30.2332, 0.4486, 0.3364 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(224, 119, 113) }
```

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

```
.border{ border-color:rgb(224, 119, 113) }
```

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

Here you see how a box with a 4 pixel rgb(224, 119, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(224, 119,  
113) }
```



# Background

The CSS property to change the background color of an element to Yxy 30.2332, 0.4486, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 119, 113) }
```

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

```
.background{ background-color: rgb(224,  
119, 113) }
```

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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