

Converting Colors

$Y_{xy}(30.0817, 0.4535, 0.3217)$

Have a look what the booklet for
Yxy(30.0817, 0.4535, 0.3217)
contains.

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Color

Yxy(30.0761, 0.4535, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	E87077
RGB	232, 112, 119
RGB Percent	91%, 44%, 47%
CMY	0.0903, 0.5607, 0.5334
CMYK	0.00, 0.52, 0.49, 0.09
HSL	357°, 72%, 67%
HSV	357°, 52%, 91%
XYZ	42.3982, 30.0761, 21.0168
YIQ	148.6780, 69.2730, 27.6170

Conversions

Conversions Part 2

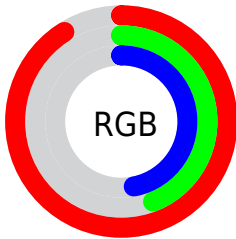
Format	Color
R_{YB}	232, 112, 119
Decimal	15233143
CIE _{Lab}	61.72, 47.04, 18.42
CIE _{LCh}	62, 50.515, 21.380
Yxy	30.0761, 0.4535, 0.3217
Android (android.graphics.Color)	4293423223 (0xFFE87077)
YUV	148.6780, -14.6313, 73.0734
Hunter-Lab	54.8417, 42.0258, 15.6677

Details

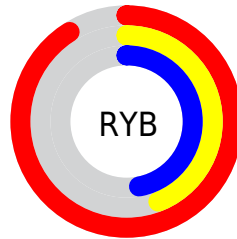
The Yxy color **30.0761, 0.4535, 0.3217** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **66.5888, 0.2491, 0.3376**, and the grayscale version is **29.9552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8377, 0.3913, 0.3250**, and **12.3535, 0.5007, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **25.1340, 0.4982, 0.3211**, and if you desaturate by 10%, it is **36.4606, 0.4141, 0.3229**.

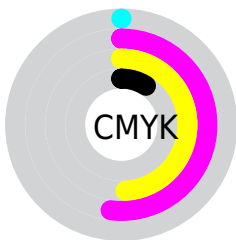
Distribution



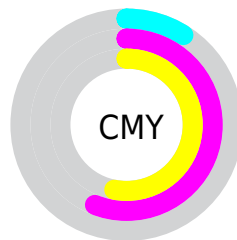
- Red (91%)
- Green (44%)
- Blue (47%)



- Red (91%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (49%)
- Black (9%)





- Cyan (9%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0761, 0.4535, 0.3217 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 30.0761, 0.4535, 0.3217 by changing the saturation by 10% instead.


 30.0761, 0.4535,
0.3217


 30.0761, 0.4535,
0.3217


302.2590, 0.3775,
0.3287


 19.8964, 0.4741,
0.3186


 59.7825, 0.4246,
0.3252

 12.3197, 0.5013,
0.3137


 80.0780, 0.4141,
0.3262

 6.9618, 0.5388,
0.3056


 104.5141, 0.4054,
0.3269

 3.4382, 0.5925,
0.2909

133.4753, 0.3981,
0.3275

 1.3646, 0.7021,
0.2729

167.3460, 0.3918,
0.3279

 0.1904, 0.8825,
0.1175

206.5106, 0.3864,

 0.0000, 1.0000,


0.3283


0.0000


251.3535, 0.3816,
0.3285


 0.0000, 0.0000,
0.0000


 30.0761, 0.4535,
0.3217


 30.0761, 0.4535,
0.3217


 25.1340, 0.4982,
0.3211


 36.4606, 0.4141,
0.3229

 21.5177, 0.5450,
0.3215


 44.3829, 0.3811,
0.3243

 19.1005, 0.5879,
0.3230

 53.9356, 0.3542,
0.3258

 17.7288, 0.6199,
0.3255

 65.2027, 0.3326,
0.3273

 17.1836, 0.6354,
0.3274

 78.2625, 0.3153,
0.3288

■ 93.1884, 0.3015,
0.3301

■ 95.8934, 0.2987,
0.3290

Harmonies

Analogous

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



30.0761, 0.3870, 0.2684



30.0761, 0.4535, 0.3217



30.0761, 0.4739, 0.3806

Triad

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



30.0761, 0.4535, 0.3217



30.0761, 0.3050, 0.4674



30.0761, 0.1887, 0.2126

Complementary

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



30.0761, 0.4535, 0.3217



66.5888, 0.2491, 0.3376

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.



30.0761, 0.1737, 0.2458



30.0761, 0.4535, 0.3217



30.0761, 0.2342, 0.4000

Square

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



30.0761, 0.4535, 0.3217



30.0761, 0.3820, 0.4762



30.0761, 0.1883, 0.3119



30.0761, 0.2324, 0.2083

Rectangle

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



30.0761, 0.4535, 0.3217



30.0761, 0.4592, 0.4195



30.0761, 0.1883, 0.3119



30.0761, 0.1805, 0.2202

Sweetspot

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



30.0777, 0.4535, 0.3217



74.4417, 0.3415, 0.3267



33.2636, 0.3108, 0.2023



15.3192, 0.3460, 0.3264



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.



30.0777, 0.4535, 0.3217



30.8330, 0.5011, 0.3211



44.8765, 0.4275, 0.3877



14.3815, 0.3283, 0.3277



9.5469, 0.6337, 0.3265



0.7103, 0.6164, 0.3170

Inverse Universe

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



30.0777, 0.4535, 0.3217



30.8330, 0.5011, 0.3211



41.9143, 0.2320, 0.2588



14.3815, 0.3283, 0.3277



9.5469, 0.6337, 0.3265



0.7103, 0.6164, 0.3170

Previews

White Background



This preview shows how the Yxy color 30.0761, 0.4535, 0.3217 looks on a white background.

Color Contrast Check

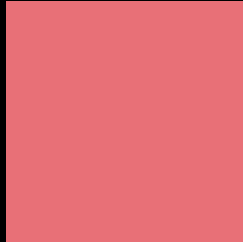
Large Text (above 18pt) WCAG AA × Fail

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 30.0761, 0.4535, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

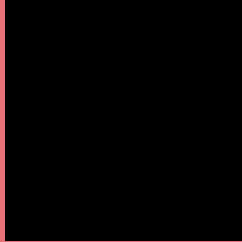
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0761, 0.4535, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 30.0761, 0.4535, 0.3217.



This preview shows how white text looks on a background with the Yxy color 30.0761, 0.4535, 0.3217.

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

30.0761, 0.4535, 0.3217

Protanopia

30.2696, 0.3306, 0.3478

Deuteranopia

30.0899, 0.3800, 0.3717



Tritanopia

30.1002, 0.4522, 0.3205

Trichromacy



Original Color

30.0761, 0.4535, 0.3217

Protanomaly

29.2873, 0.3732, 0.3377

Deuteranomaly

29.4992, 0.4064, 0.3508

Tritanomaly

30.1002, 0.4522, 0.3205

Monochromacy



Original Color

30.0761, 0.4535, 0.3217

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0270, 0.3595, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0761, 0.4535, 0.3217 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, 112, 119)` looks like.

```
.text, #text, p{  
    color:rgb(232, 112, 119)  
}
```

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, 112, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 112, 119) }
```

Border

The CSS property to change the border of an element to Yxy 30.0761, 0.4535, 0.3217 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, 112, 119) }
```

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

```
.border{ border-color:rgb(232, 112, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 112, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 112, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 112, 119);  
box-shadow:4px 4px 4px 4px rgb(232, 112,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0761, 0.4535, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 112, 119) }
```

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

```
.background{ background-color: rgb(232,  
112, 119) }
```

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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