

Converting Colors

$Y_{xy}(31.8447, 0.4218, 0.3376)$

Have a look what the booklet for
Yxy(31.8447, 0.4218, 0.3376)
contains.

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Color

Yxy(31.7295, 0.4217, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D8817B
RGB	216, 129, 123
RGB Percent	85%, 51%, 48%
CMY	0.1530, 0.4940, 0.5177
CMYK	0.00, 0.40, 0.43, 0.15
HSL	4°, 54%, 66%
HSV	4°, 43%, 85%
XYZ	39.7396, 31.7295, 22.7676
YIQ	154.3290, 53.7780, 16.5780

Conversions

Conversions Part 2

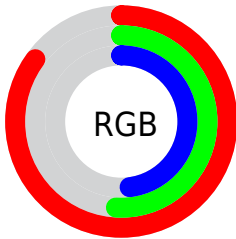
Format	Color
R _Y B	216, 129, 123
Decimal	14188923
CIE Lab	63.12, 32.85, 17.70
CIE LCh	63, 37.317, 28.320
Yxy	31.7295, 0.4217, 0.3367
Android (android.graphics.Color)	4292379003 (0xFFD8817B)
YUV	154.3290, -15.4452, 54.0855
Hunter-Lab	56.3289, 27.3547, 15.4658

Details

The Yxy color **31.7295, 0.4217, 0.3367** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.2402, 0.2532, 0.3209**, and the grayscale version is **32.5198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2221, 0.3822, 0.3376**, and **13.2123, 0.4590, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **26.4419, 0.4621, 0.3382**, and if you desaturate by 10%, it is **38.1915, 0.3874, 0.3349**.

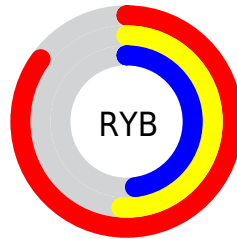
Distribution



Red (85%)

Green (51%)

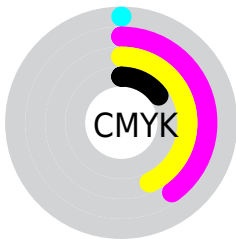
Blue (48%)



Red (85%)

Yellow (51%)

Blue (48%)

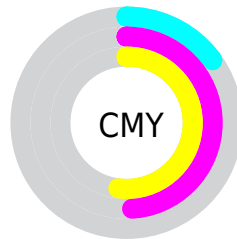


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7295, 0.4217, 0.3367 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 31.7295, 0.4217, 0.3367 by changing the saturation by 10% instead.


 31.7295, 0.4217,
0.3367


 31.7295, 0.4217,
0.3367


309.8852, 0.3632,
0.3348


 21.1550, 0.4376,
0.3364


 62.3868, 0.3995,
0.3366

 13.2373, 0.4586,
0.3354


 83.2383, 0.3914,
0.3363

 7.5922, 0.4877,
0.3329


 108.2844, 0.3847,
0.3361

 3.8351, 0.5302,
0.3270

137.9092, 0.3791,
0.3358

 1.5818, 0.6107,
0.3199

172.4974, 0.3742,
0.3355

 0.3453, 0.7713,
0.2287

212.4331, 0.3700,

 0.0000, 1.0000,

0.3353

0.0000


258.1009, 0.3664,
0.3350


 0.0000, 0.0000,
0.0000


 31.7295, 0.4217,
0.3367


 31.7295, 0.4217,
0.3367


 26.4419, 0.4621,
0.3382


 38.1915, 0.3874,
0.3349


 22.2536, 0.5072,
0.3390


 45.8874, 0.3591,
0.3330


 19.0886, 0.5534,
0.3388

 54.8786, 0.3362,
0.3312

 16.8589, 0.5945,
0.3374

 65.2208, 0.3176,
0.3295

 15.4618, 0.6238,
0.3347

 76.9667, 0.3027,
0.3279

■ 14.9095, 0.6361,
0.3331

■ 90.1659, 0.2905,
0.3265

■ 93.3358, 0.2894,
0.3289

Harmonies

Analogous

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



31.7295, 0.3802, 0.2930



31.7295, 0.4217, 0.3367



31.7295, 0.4297, 0.3823

Triad

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



31.7295, 0.4217, 0.3367



31.7295, 0.2963, 0.4179



31.7295, 0.2247, 0.2387

Complementary

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



31.7295, 0.4217, 0.3367



55.2402, 0.2532, 0.3209

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.



31.7295, 0.2075, 0.2607



31.7295, 0.4217, 0.3367



31.7295, 0.2456, 0.3657

Square

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



31.7295, 0.4217, 0.3367



31.7295, 0.3543, 0.4374



31.7295, 0.2144, 0.3057



31.7295, 0.2643, 0.2389

Rectangle

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



31.7295, 0.4217, 0.3367



31.7295, 0.4156, 0.4095



31.7295, 0.2144, 0.3057



31.7295, 0.2163, 0.2434

Sweetspot

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



31.7311, 0.4217, 0.3367



79.8353, 0.3363, 0.3312



33.4808, 0.3222, 0.2285



16.4283, 0.3410, 0.3316



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.



31.7311, 0.4217, 0.3367



38.9040, 0.4597, 0.3381



46.3510, 0.3967, 0.3908



12.5486, 0.3290, 0.3306



8.8819, 0.6349, 0.3340



0.5821, 0.6195, 0.3463

Inverse Universe

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



55.2402, 0.2532, 0.3209



77.5504, 0.2435, 0.3188



36.0199, 0.2426, 0.2571



13.9637, 0.2983, 0.3274



28.0024, 0.2191, 0.3088



1.7314, 0.2202, 0.3125

Previews

White Background



This preview shows how the Yxy color 31.7295, 0.4217, 0.3367 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 31.7295, 0.4217, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

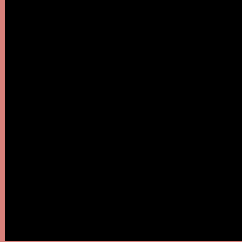
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7295, 0.4217, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 31.7295, 0.4217, 0.3367.



This preview shows how white text looks on a background with the Yxy color 31.7295, 0.4217, 0.3367.

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

31.7295, 0.4217, 0.3367

Protanopia

32.0053, 0.3371, 0.3565

Deuteranopia

31.8072, 0.3751, 0.3680



Tritanopia

31.7080, 0.4080, 0.3183

Trichromacy



Original Color

31.7295, 0.4217, 0.3367

Protanomaly

31.2885, 0.3656, 0.3478

Deuteranomaly

31.3431, 0.3918, 0.3553

Tritanomaly

31.8288, 0.4136, 0.3256

Monochromacy



Original Color

31.7295, 0.4217, 0.3367

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.5811, 0.3492, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7295, 0.4217, 0.3367 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(216, 129, 123)` looks like.

```
.text, #text, p{  
    color:rgb(216, 129, 123)  
}
```

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(216, 129, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 129, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.7295, 0.4217, 0.3367 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(216, 129, 123) }
```

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

```
.border{ border-color:rgb(216, 129, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 129, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 129, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 129, 123); box-shadow:4px 4px 4px 4px rgb(216, 129, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7295, 0.4217, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 129, 123) }
```

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

```
.background{ background-color: rgb(216,  
129, 123) }
```

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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