

Converting Colors

$Y_{xy}(30.2559, 0.4194, 0.3208)$

Have a look what the booklet for
Yxy(30.2559, 0.4194, 0.3208)
contains.

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Color

Yxy(30.2558, 0.4192, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	D97A81
RGB	217, 122, 129
RGB Percent	85%, 48%, 51%
CMY	0.1490, 0.5215, 0.4942
CMYK	0.00, 0.44, 0.41, 0.15
HSL	356°, 56%, 66%
HSV	356°, 44%, 85%
XYZ	39.5363, 30.2558, 24.5215
YIQ	151.2030, 54.3730, 22.3170

Conversions

Conversions Part 2

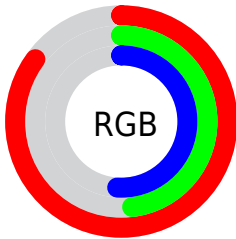
Format	Color
RYB	217, 122, 129
Decimal	14252673
CIELab	61.87, 37.58, 12.58
CIELCh	62, 39.627, 18.516
Yxy	30.2558, 0.4192, 0.3208
Android (android.graphics.Color)	4292442753 (0xFFD97A81)
YUV	151.2030, -10.9461, 57.7040
Hunter-Lab	55.0053, 32.0416, 12.0720

Details

The Yxy color **30.2558, 0.4192, 0.3208** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.4167, 0.2574, 0.3380**, and the grayscale version is **31.0701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6881, 0.3781, 0.3229**, and **12.4566, 0.4557, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **25.0268, 0.4589, 0.3194**, and if you desaturate by 10%, it is **36.7827, 0.3857, 0.3226**.

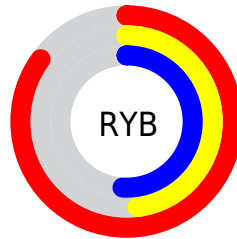
Distribution



Red (85%)

Green (48%)

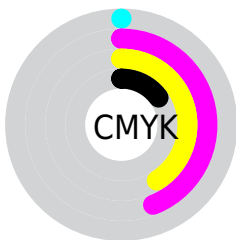
Blue (51%)



Red (85%)

Yellow (48%)

Blue (51%)

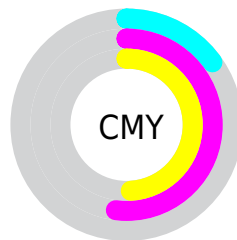


Cyan (0%)

Magenta (44%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2558, 0.4192, 0.3208 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 30.2558, 0.4192, 0.3208 by changing the saturation by 10% instead.


 30.2558, 0.4192,
0.3208


 30.2558, 0.4192,
0.3208


303.0950, 0.3616,
0.3269


 20.0328, 0.4350,
0.3185


 60.0665, 0.3972,
0.3236

 12.4189, 0.4561,
0.3150


 80.4230, 0.3893,
0.3244

 7.0296, 0.4856,
0.3093


 104.9261, 0.3827,
0.3251

 3.4806, 0.5294,
0.2992

133.9602, 0.3772,
0.3256

 1.3875, 0.6061,
0.2819

167.9098, 0.3724,
0.3260

 0.2075, 0.8466,
0.1534

207.1592, 0.3684,

 0.0000, 1.0000,

0.3264

0.0000

252.0928, 0.3648,
0.3266

0.0000, 0.0000,
0.0000

30.2558, 0.4192,
0.3208

30.2558, 0.4192,
0.3208

25.0268, 0.4589,
0.3194

36.7827, 0.3857,
0.3226

21.0047, 0.5035,
0.3188

44.6813, 0.3583,
0.3246

18.0943, 0.5495,
0.3193


54.0253, 0.3362,
0.3265


16.1840, 0.5910,
0.3213

64.8818, 0.3185,
0.3283

15.1385, 0.6213,
0.3246

77.3139, 0.3042,
0.3300

 14.7886, 0.6334,
0.3263

 91.3808, 0.2928,
0.3316

 93.4914, 0.2900,
0.3289

Harmonies

Analogous

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



30.2558, 0.3654, 0.2768



30.2558, 0.4192, 0.3208



30.2558, 0.4403, 0.3696

Triad

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



30.2558, 0.4192, 0.3208



30.2558, 0.3148, 0.4373



30.2558, 0.2098, 0.2371

Complementary

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



30.2558, 0.4192, 0.3208



58.4167, 0.2574, 0.3380

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.



30.2558, 0.1998, 0.2683



30.2558, 0.4192, 0.3208



30.2558, 0.2562, 0.3898

Square

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



30.2558, 0.4192, 0.3208



30.2558, 0.3760, 0.4436



30.2558, 0.2154, 0.3236



30.2558, 0.2443, 0.2302

Rectangle

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



30.2558, 0.4192, 0.3208



30.2558, 0.4326, 0.4008



30.2558, 0.2154, 0.3236



30.2558, 0.2037, 0.2447

Sweetspot

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



30.2573, 0.4192, 0.3208



78.8203, 0.3349, 0.3266



32.4981, 0.3099, 0.2199



16.1823, 0.3393, 0.3262



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.



30.2573, 0.4192, 0.3208



36.2628, 0.4577, 0.3194



41.8523, 0.4054, 0.3772



13.0670, 0.3280, 0.3273



8.9583, 0.6316, 0.3253



0.5859, 0.6079, 0.3122

Inverse Universe

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



30.2573, 0.4192, 0.3208



36.2628, 0.4577, 0.3194



40.7579, 0.2445, 0.2741



13.0670, 0.3280, 0.3273



8.9583, 0.6316, 0.3253



0.5859, 0.6079, 0.3122

Previews

White Background



This preview shows how the Yxy color 30.2558, 0.4192, 0.3208 looks on a white background.

Color Contrast Check

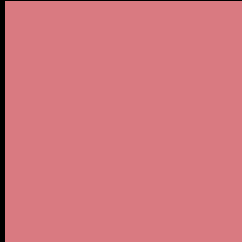
Large Text (above 18pt) WCAG AA × Fail

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 30.2558, 0.4192, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

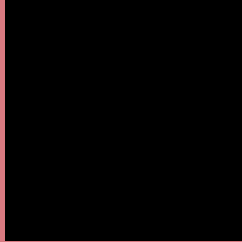
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2558, 0.4192, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 30.2558, 0.4192, 0.3208.



This preview shows how white text looks on a background with the Yxy color 30.2558, 0.4192, 0.3208.

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

30.2558, 0.4192, 0.3208

Protanopia

30.3481, 0.3237, 0.3384

Deuteranopia

30.3114, 0.3643, 0.3573



Tritanopia

30.3095, 0.4167, 0.3183

Trichromacy



Original Color

30.2558, 0.4192, 0.3208

Protanomaly

29.6473, 0.3563, 0.3306

Deuteranomaly

29.9335, 0.3847, 0.3431

Tritanomaly

30.2825, 0.4179, 0.3196

Monochromacy



Original Color

30.2558, 0.4192, 0.3208

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8533, 0.3483, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2558, 0.4192, 0.3208 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(217, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(217, 122, 129)  
}
```

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(217, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 122, 129) }
```

Border

The CSS property to change the border of an element to Yxy 30.2558, 0.4192, 0.3208 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(217, 122, 129) }
```

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

```
.border{ border-color:rgb(217, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(217, 122,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2558, 0.4192, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 122, 129) }
```

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

```
.background{ background-color: rgb(217,  
122, 129) }
```

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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