

Converting Colors

$Y_{xy}(32.1361, 0.4205, 0.3358)$

Have a look what the booklet for
Yxy(32.1361, 0.4205, 0.3358)
contains.

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Color

Yxy(32.1976, 0.4198, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	D9827D
RGB	217, 130, 125
RGB Percent	85%, 51%, 49%
CMY	0.1490, 0.4902, 0.5097
CMYK	0.00, 0.40, 0.42, 0.15
HSL	3°, 55%, 67%
HSV	3°, 42%, 85%
XYZ	40.2998, 32.1976, 23.5002
YIQ	155.4430, 53.4570, 16.8890

Conversions

Conversions Part 2

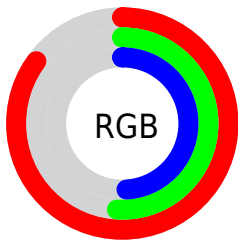
Format	Color
R _Y B	217, 130, 125
Decimal	14254717
CIE Lab	63.51, 32.93, 17.11
CIE LCh	64, 37.110, 27.456
Yxy	32.1976, 0.4198, 0.3354
Android (android.graphics.Color)	4292444797 (0xFFD9827D)
YUV	155.4430, -15.0084, 53.9855
Hunter-Lab	56.7429, 27.4736, 15.1650

Details

The Yxy color **32.1976, 0.4198, 0.3354** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.4648, 0.2542, 0.3223**, and the grayscale version is **33.0366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7553, 0.3792, 0.3355**, and **13.4847, 0.4559, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **26.7773, 0.4602, 0.3367**, and if you desaturate by 10%, it is **38.8312, 0.3856, 0.3339**.

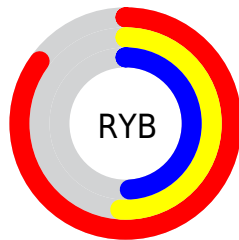
Distribution



Red (85%)

Green (51%)

Blue (49%)



Red (85%)

Yellow (51%)

Blue (49%)

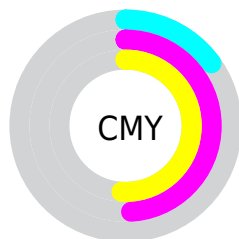


Cyan (0%)

Magenta (40%)

Yellow (42%)

Black (15%)



Cyan (15%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1976, 0.4198, 0.3354 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 32.1976, 0.4198, 0.3354 by changing the saturation by 10% instead.


 32.1976, 0.4198,
0.3354


 32.1976, 0.4198,
0.3354


312.0184, 0.3624,
0.3341


 21.5125, 0.4353,
0.3350


 63.1207, 0.3981,
0.3354

 13.4991, 0.4559,
0.3338


 84.1275, 0.3902,
0.3353

 7.7731, 0.4843,
0.3313


 109.3437, 0.3836,
0.3351

 3.9501, 0.5258,
0.3255

139.1536, 0.3780,
0.3349

 1.6457, 0.6004,
0.3166

173.9416, 0.3733,
0.3347

 0.3881, 0.7584,
0.2416

214.0921, 0.3692,

 0.0000, 1.0000,

0.3345

0.0000

259.9896, 0.3656,
0.3343

0.0000, 0.0000,
0.0000

32.1976, 0.4198,
0.3354

32.1976, 0.4198,
0.3354

26.7773, 0.4602,
0.3367

38.8312, 0.3856,
0.3339

22.4923, 0.5054,
0.3374

46.7402, 0.3576,
0.3323

19.2635, 0.5520,
0.3373


55.9883, 0.3348,
0.3308


16.9990, 0.5936,
0.3361


66.6335, 0.3165,
0.3293

15.5918, 0.6235,
0.3339

78.7303, 0.3018,
0.3280

 15.0081, 0.6368,
0.3325

 92.3163, 0.2899,
0.3271

 93.4911, 0.2900,
0.3289

Harmonies

Analogous

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



32.1976, 0.3780, 0.2922



32.1976, 0.4198, 0.3354



32.1976, 0.4288, 0.3807

Triad

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



32.1976, 0.4198, 0.3354



32.1976, 0.2981, 0.4180



32.1976, 0.2247, 0.2398

Complementary

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



32.1976, 0.4198, 0.3354



56.4648, 0.2542, 0.3223

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.



32.1976, 0.2083, 0.2624



32.1976, 0.4198, 0.3354



32.1976, 0.2475, 0.3671

Square

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



32.1976, 0.4198, 0.3354



32.1976, 0.3555, 0.4362



32.1976, 0.2159, 0.3075



32.1976, 0.2633, 0.2394

Rectangle

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



32.1976, 0.4198, 0.3354



32.1976, 0.4155, 0.4077



32.1976, 0.2159, 0.3075



32.1976, 0.2166, 0.2448

Sweetspot

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



32.1992, 0.4198, 0.3354



79.6471, 0.3363, 0.3309



34.1977, 0.3220, 0.2300



16.3826, 0.3411, 0.3312



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.



32.1992, 0.4198, 0.3354



39.2407, 0.4562, 0.3366



47.1296, 0.3951, 0.3899



13.1641, 0.3290, 0.3303



9.1338, 0.6359, 0.3333



0.6325, 0.6235, 0.3432

Inverse Universe

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



56.4648, 0.2542, 0.3223



78.6829, 0.2448, 0.3207



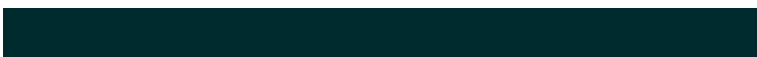
36.7933, 0.2436, 0.2584



14.7023, 0.2982, 0.3277



29.5856, 0.2200, 0.3121



1.9544, 0.2208, 0.3150

Previews

White Background



This preview shows how the Yxy color 32.1976, 0.4198, 0.3354 looks on a white background.

Color Contrast Check

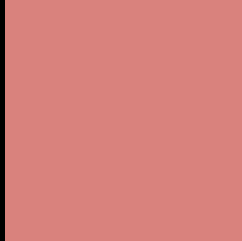
Large Text (above 18pt) WCAG AA × Fail

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 32.1976, 0.4198, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

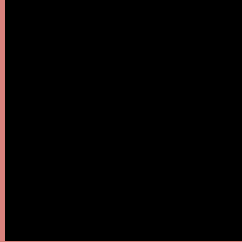
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1976, 0.4198, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 32.1976, 0.4198, 0.3354.



This preview shows how white text looks on a background with the Yxy color 32.1976, 0.4198, 0.3354.

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

32.1976, 0.4198, 0.3354

Protanopia

32.4944, 0.3360, 0.3548

Deuteranopia

32.2882, 0.3736, 0.3664



Tritanopia

32.1787, 0.4062, 0.3171

Trichromacy



Original Color

32.1976, 0.4198, 0.3354

Protanomaly

31.7680, 0.3642, 0.3463

Deuteranomaly

31.8173, 0.3902, 0.3538

Tritanomaly

32.2994, 0.4118, 0.3244

Monochromacy



Original Color

32.1976, 0.4198, 0.3354

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.0364, 0.3489, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1976, 0.4198, 0.3354 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, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(217, 130, 125)  
}
```

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, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 130, 125) }
```

Border

The CSS property to change the border of an element to Yxy 32.1976, 0.4198, 0.3354 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, 130, 125) }
```

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

```
.border{ border-color:rgb(217, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(217, 130,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1976, 0.4198, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 130, 125) }
```

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

```
.background{ background-color: rgb(217,  
130, 125) }
```

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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