

Converting Colors

$Y_{xy}(43.2462, 0.4261, 0.4135)$

Have a look what the booklet for
Yxy(43.2462, 0.4261, 0.4135)
contains.

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Color

Yxy(43.2154, 0.4257, 0.4134)

Conversions

Conversions Part 1

Format	Color
Hex	D9A75F
RGB	217, 167, 95
RGB Percent	85%, 65%, 37%
CMY	0.1490, 0.3451, 0.6275
CMYK	0.00, 0.23, 0.56, 0.15
HSL	35°, 62%, 61%
HSV	35°, 56%, 85%
XYZ	44.5012, 43.2154, 16.8199
YIQ	173.7420, 52.9120, -11.7920

Conversions

Conversions Part 2

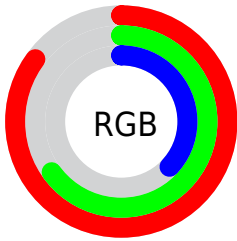
Format	Color
RYB	180, 217, 95
Decimal	14264159
CIELab	71.70, 10.23, 43.90
CIELCh	72, 45.072, 76.879
Yxy	43.2154, 0.4257, 0.4134
Android (android.graphics.Color)	4292454239 (0xFFD9A75F)
YUV	173.7420, -38.8198, 37.9373
Hunter-Lab	65.7384, 5.7922, 30.8469

Details

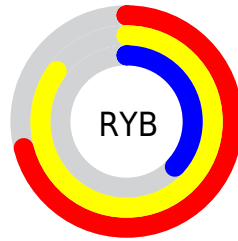
The Yxy color **43.2154, 0.4257, 0.4134** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **27.6928, 0.2196, 0.2222**, and the grayscale version is **42.3717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6091, 0.3892, 0.4052**, and **19.8219, 0.4551, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **39.7289, 0.4495, 0.4244**, and if you desaturate by 10%, it is **47.0402, 0.4021, 0.3997**.

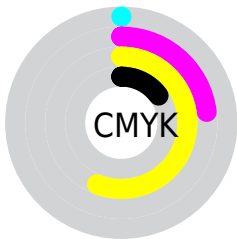
Distribution



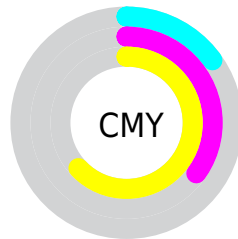
- Red (85%)
- Green (65%)
- Blue (37%)



- Red (71%)
- Yellow (85%)
- Blue (37%)



- Cyan (0%)
- Magenta (23%)
- Yellow (56%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2154, 0.4257, 0.4134 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 43.2154, 0.4257, 0.4134 by changing the saturation by 10% instead.


 43.2154, 0.4257,
0.4134


 43.2154, 0.4257,
0.4134


359.4968, 0.3699,
0.3740


 30.0542, 0.4387,
0.4217


 80.0358, 0.4060,
0.4001

 19.8797, 0.4546,
0.4313


 104.4638, 0.3984,
0.3948

 12.3076, 0.4741,
0.4420


 133.4161, 0.3919,
0.3901

 6.9535, 0.4980,
0.4530

 167.2771, 0.3863,
0.3861

 3.4331, 0.5330,
0.4670

206.4314, 0.3814,
0.3825

 1.3618, 0.5488,
0.4512

251.2631, 0.3771,

 0.1883, 0.6948,

0.3794

0.3052

302.1568, 0.3733,
0.3765

0.0000, 0.0000,
0.0000

43.2154, 0.4257,
0.4134

43.2154, 0.4257,
0.4134

39.7289, 0.4495,
0.4244

47.0402, 0.4021,
0.3997

36.5604, 0.4723,
0.4315

51.2095, 0.3795,
0.3846

33.6965, 0.4927,
0.4338

55.7373, 0.3586,
0.3688

31.1188, 0.5098,
0.4307

60.6344, 0.3395,
0.3531

30.2102, 0.5158,
0.4287

65.9114, 0.3224,
0.3380

■ 71.5780, 0.3072,
0.3237

■ 77.6437, 0.2937,
0.3104

■ 83.2105, 0.2894,
0.3115

■ 88.5224, 0.2897,
0.3208

Harmonies

Analogous

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



43.2154, 0.4414, 0.3671



43.2154, 0.4257, 0.4134



43.2154, 0.3796, 0.4439

Triad

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



43.2154, 0.4257, 0.4134



43.2154, 0.2161, 0.3271



43.2154, 0.2963, 0.2427

Complementary

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



43.2154, 0.4257, 0.4134



27.6928, 0.2196, 0.2222

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.



43.2154, 0.2412, 0.2291



43.2154, 0.4257, 0.4134



43.2154, 0.1990, 0.2701

Square

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



43.2154, 0.4257, 0.4134



43.2154, 0.2585, 0.3939



43.2154, 0.2077, 0.2373



43.2154, 0.3624, 0.2742

Rectangle

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



43.2154, 0.4257, 0.4134



43.2154, 0.3393, 0.4461



43.2154, 0.2077, 0.2373



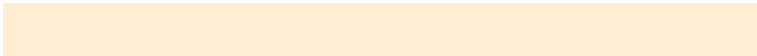
43.2154, 0.2760, 0.2360

Sweetspot

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



43.2175, 0.4257, 0.4134



86.6997, 0.3412, 0.3546



25.0061, 0.4080, 0.2693



18.2439, 0.3449, 0.3577



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.



43.2175, 0.4257, 0.4134



56.5923, 0.4527, 0.4257



63.6987, 0.3848, 0.4663



14.3224, 0.3277, 0.3428



18.4988, 0.5140, 0.4301



1.3665, 0.4944, 0.4456

Inverse Universe

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



27.6928, 0.2196, 0.2222



32.2789, 0.2022, 0.1960



16.2061, 0.2114, 0.1525



13.4892, 0.2982, 0.3148



7.5473, 0.1695, 0.1300



0.6558, 0.1784, 0.1623

Previews

White Background



This preview shows how the Yxy color 43.2154, 0.4257, 0.4134 looks on a white background.

Color Contrast Check

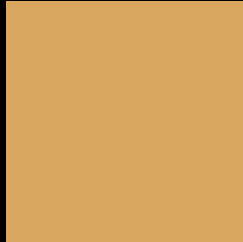
Large Text (above 18pt) WCAG AA × Fail

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 43.2154, 0.4257, 0.4134 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 43.2154, 0.4257, 0.4134

Background



This preview shows how black text looks on a background with the Yxy color 43.2154, 0.4257, 0.4134.



This preview shows how white text looks on a background with the Yxy color 43.2154, 0.4257, 0.4134.

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

43.2154, 0.4257, 0.4134

Protanopia

43.2700, 0.3940, 0.4292

Deuteranopia

43.2786, 0.4230, 0.4152



Tritanopia

43.0440, 0.3652, 0.3150

Trichromacy



Original Color

43.2154, 0.4257, 0.4134

Protanomaly

43.3068, 0.4055, 0.4235

Deuteranomaly

43.4304, 0.4240, 0.4149

Tritanomaly

42.8451, 0.3891, 0.3508

Monochromacy



Original Color

43.2154, 0.4257, 0.4134

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1173, 0.3533, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2154, 0.4257, 0.4134 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, 167, 95)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 95)  
}
```

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, 167, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 95) }
```

Border

The CSS property to change the border of an element to Yxy 43.2154, 0.4257, 0.4134 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, 167, 95) }
```

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

```
.border{ border-color:rgb(217, 167, 95) }
```

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

Here you see how a box with a 4 pixel rgb(217, 167, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 95);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2154, 0.4257, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 95) }
```

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

```
.background{ background-color: rgb(217,  
167, 95) }
```

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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