

Converting Colors

$Yxy(47.5765, 0.3978, 0.3961)$

Have a look what the booklet for
Yxy(47.5765, 0.3978, 0.3961)
contains.

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Color

Yxy(47.5765, 0.3978, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	D9B179
RGB	217, 177, 121
RGB Percent	85%, 69%, 47%
CMY	0.1492, 0.3058, 0.5255
CMYK	0.00, 0.18, 0.44, 0.15
HSL	35°, 56%, 66%
HSV	35°, 44%, 85%
XYZ	47.7807, 47.5765, 24.7552
YIQ	182.5760, 41.8160, -8.9360

Conversions

Conversions Part 2

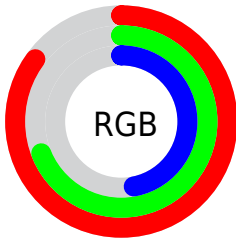
Format	Color
R_{YB}	190, 217, 121
Decimal	14266745
CIE Lab	74.56, 7.23, 34.07
CIE LCh	75, 34.825, 78.013
Yxy	47.5765, 0.3978, 0.3961
Android (android.graphics.Color)	4292456825 (0xFFD9B179)
YUV	182.5760, -30.3570, 30.1898
Hunter-Lab	68.9757, 2.9426, 27.0040

Details

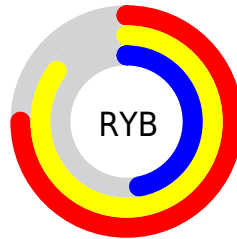
The Yxy color **47.5765, 0.3978, 0.3961** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.5450, 0.2398, 0.2499**, and the grayscale version is **47.2616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5938, 0.3672, 0.3887**, and **22.5957, 0.4201, 0.4133** is the 20% darker color. If you saturate the color by 10%, you get **43.6538, 0.4215, 0.4100**, and if you desaturate by 10%, it is **51.8595, 0.3754, 0.3809**.

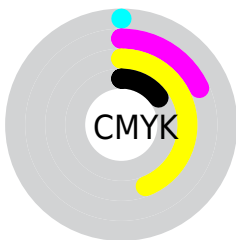
Distribution



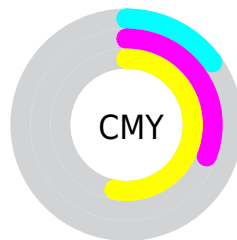
- Red (85%)
- Green (69%)
- Blue (47%)



- Red (75%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (15%)




- Cyan (15%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5765, 0.3978, 0.3961 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 47.5765, 0.3978, 0.3961 by changing the saturation by 10% instead.


 47.5765, 0.3978,
0.3961

 47.5765, 0.3978,
0.3961


377.1110, 0.3558,
0.3641


 33.4916, 0.4078,
0.4034


 86.5735, 0.3828,
0.3850

 22.5033, 0.4204,
0.4122


 112.2545, 0.3771,
0.3806

 14.2272, 0.4363,
0.4229


 142.5696, 0.3722,
0.3769

 8.2789, 0.4569,
0.4358

177.9032, 0.3680,
0.3737

 4.2739, 0.4860,
0.4527

218.6397, 0.3644,
0.3708

 1.8279, 0.5274,
0.4726

265.1636, 0.3612,

 0.5045, 0.5653,

0.3683

0.4347

317.8593, 0.3584,
0.3661

0.0000, 0.0000,
0.0000

47.5765, 0.3978,
0.3961

47.5765, 0.3978,
0.3961

43.6538, 0.4215,
0.4100

51.8595, 0.3754,
0.3809

40.0721, 0.4455,
0.4215

56.5079, 0.3547,
0.3653

36.8198, 0.4689,
0.4294

61.5350, 0.3360,
0.3498

33.8815, 0.4903,
0.4325

66.9513, 0.3192,
0.3350

31.2394, 0.5084,
0.4303

72.7667, 0.3044,
0.3211

■ 29.8346, 0.5176,
0.4272

■ 78.9907, 0.2913,
0.3081

■ 84.4270, 0.2894,
0.3137

■ 89.8846, 0.2898,
0.3231

■ 93.4861, 0.2900,
0.3289

Harmonies

Analogous

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



47.5765, 0.4093, 0.3619



47.5765, 0.3978, 0.3961



47.5765, 0.3632, 0.4155

Triad

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



47.5765, 0.3978, 0.3961



47.5765, 0.2382, 0.3270



47.5765, 0.3029, 0.2628

Complementary

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



47.5765, 0.3978, 0.3961



34.5450, 0.2398, 0.2499

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.



47.5765, 0.2598, 0.2519



47.5765, 0.3978, 0.3961



47.5765, 0.2248, 0.2845

Square

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



47.5765, 0.3978, 0.3961



47.5765, 0.2710, 0.3749



47.5765, 0.2324, 0.2586



47.5765, 0.3522, 0.2883

Rectangle

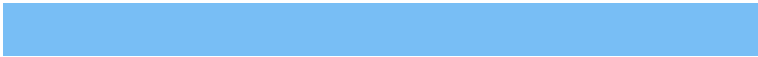
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.5765, 0.3978, 0.3961



47.5765, 0.3326, 0.4146



47.5765, 0.2324, 0.2586



47.5765, 0.2872, 0.2574

Sweetspot

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



47.5788, 0.3978, 0.3961



89.5555, 0.3340, 0.3481



30.9949, 0.3794, 0.2809



18.8098, 0.3380, 0.3515



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.



47.5788, 0.3978, 0.3961



63.3409, 0.4197, 0.4091



64.5377, 0.3716, 0.4398



14.3080, 0.3277, 0.3426



18.2802, 0.5158, 0.4286



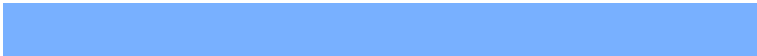
1.3530, 0.4959, 0.4445

Inverse Universe

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



34.5450, 0.2398, 0.2499



42.2952, 0.2243, 0.2296



23.3511, 0.2360, 0.1940



13.5033, 0.2982, 0.3150



7.6906, 0.1700, 0.1319



0.6658, 0.1789, 0.1641

Previews

White Background



This preview shows how the Yxy color 47.5765, 0.3978, 0.3961 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 47.5765, 0.3978, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

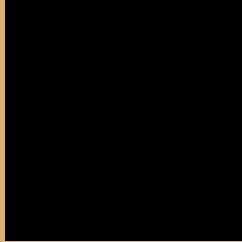
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5765, 0.3978, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 47.5765, 0.3978, 0.3961.

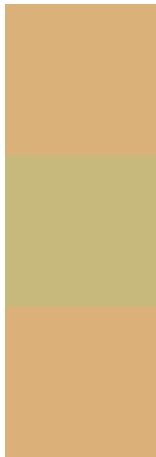


This preview shows how white text looks on a background with the Yxy color 47.5765, 0.3978, 0.3961.

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

47.5765, 0.3978, 0.3961

Protanopia

47.8783, 0.3751, 0.4051

Deuteranopia

47.6468, 0.4012, 0.3942



Tritanopia

47.4413, 0.3511, 0.3139

Trichromacy



Original Color

47.5765, 0.3978, 0.3961

Protanomaly

47.5996, 0.3838, 0.4011

Deuteranomaly

47.4912, 0.4003, 0.3945

Tritanomaly

47.4153, 0.3688, 0.3434

Monochromacy



Original Color

47.5765, 0.3978, 0.3961

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1879, 0.3424, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5765, 0.3978, 0.3961 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, 177, 121)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 121)  
}
```

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, 177, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 121) }
```

Border

The CSS property to change the border of an element to Yxy 47.5765, 0.3978, 0.3961 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, 177, 121) }
```

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

```
.border{ border-color:rgb(217, 177, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 177, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 121);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5765, 0.3978, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 121) }
```

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

```
.background{ background-color: rgb(217,  
177, 121) }
```

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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