

Converting Colors

$Y_{xy}(46.0992, 0.3773, 0.3649)$

Have a look what the booklet for
Yxy(46.0992, 0.3773, 0.3649)
contains.

Yxy(46.1665, 0.3775, 0.3659)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.1665, 0.3775, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	D6AD8F
RGB	214, 173, 143
RGB Percent	84%, 68%, 56%
CMY	0.1608, 0.3215, 0.4393
CMYK	0.00, 0.19, 0.33, 0.16
HSL	25°, 46%, 70%
HSV	25°, 33%, 84%
XYZ	47.6301, 46.1665, 32.3759
YIQ	181.8390, 34.0660, -0.6380

Conversions

Conversions Part 2

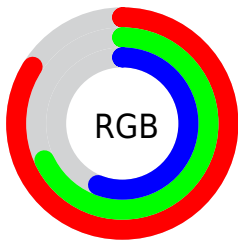
Format	Color
R_{YB}	214, 195, 143
Decimal	14069135
CIE _{Lab}	73.65, 10.71, 21.08
CIE _{LCh}	74, 23.648, 63.072
Yxy	46.1665, 0.3775, 0.3659
Android (android.graphics.Color)	4292259215 (0xFFD6AD8F)
YUV	181.8390, -19.1476, 28.2052
Hunter-Lab	67.9459, 6.2231, 19.3108

Details

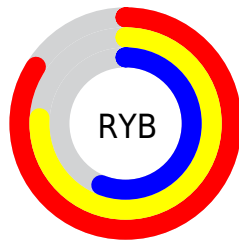
The Yxy color **46.1665, 0.3775, 0.3659** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.9551, 0.2607, 0.2887**, and the grayscale version is **46.7791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7780, 0.3528, 0.3605**, and **21.7342, 0.3951, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **41.0613, 0.4033, 0.3772**, and if you desaturate by 10%, it is **51.8374, 0.3547, 0.3543**.

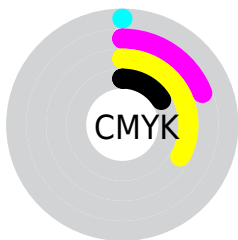
Distribution



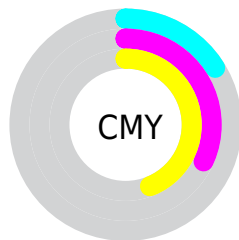
- Red (84%)
- Green (68%)
- Blue (56%)



- Red (84%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1665, 0.3775, 0.3659 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 46.1665, 0.3775, 0.3659 by changing the saturation by 10% instead.


 46.1665, 0.3775,
0.3659


 46.1665, 0.3775,
0.3659


371.4776, 0.3449,
0.3482

 32.3772, 0.3856,
0.3700


 84.4681, 0.3656,
0.3597

 21.6498, 0.3960,
0.3751


 109.7493, 0.3612,
0.3573

 13.5998, 0.4098,
0.3815


139.6298, 0.3574,
0.3552

 7.8429, 0.4287,
0.3896

174.4942, 0.3542,
0.3535

 3.9946, 0.4561,
0.3999

214.7268, 0.3514,
0.3519

 1.6705, 0.5232,
0.4324

260.7119, 0.3490,

 0.4045, 0.6149,

0.3505

0.3851

312.8341, 0.3468,
0.3493

0.0000, 0.0000,
0.0000

46.1665, 0.3775,
0.3659

46.1665, 0.3775,
0.3659

41.0613, 0.4033,
0.3772

51.8374, 0.3547,
0.3543

36.4967, 0.4319,
0.3875

58.0855, 0.3348,
0.3430

32.4545, 0.4626,
0.3958

64.9300, 0.3177,
0.3323

28.9133, 0.4938,
0.4006

72.3869, 0.3029,
0.3223

25.8494, 0.5235,
0.4008

80.4719, 0.2902,
0.3130

■ 23.2365, 0.5495,
0.3957

■ 88.1003, 0.2879,
0.3208

■ 21.6931, 0.5647,
0.3898

■ 93.0353, 0.2883,
0.3289

Harmonies

Analogous

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



46.1665, 0.3753, 0.3398



46.1665, 0.3775, 0.3659



46.1665, 0.3615, 0.3841

Triad

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



46.1665, 0.3775, 0.3659



46.1665, 0.2710, 0.3445



46.1665, 0.2904, 0.2768

Complementary

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



46.1665, 0.3775, 0.3659



44.9551, 0.2607, 0.2887

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.



46.1665, 0.2646, 0.2756



46.1665, 0.3775, 0.3659



46.1665, 0.2539, 0.3128

Square

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



46.1665, 0.3775, 0.3659



46.1665, 0.2996, 0.3730



46.1665, 0.2517, 0.2881



46.1665, 0.3235, 0.2902

Rectangle

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



46.1665, 0.3775, 0.3659



46.1665, 0.3433, 0.3884



46.1665, 0.2517, 0.2881



46.1665, 0.2806, 0.2750

Sweetspot

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



46.1687, 0.3775, 0.3659



89.4331, 0.3292, 0.3396



37.4096, 0.3451, 0.2792



18.8403, 0.3318, 0.3412



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.



46.1687, 0.3775, 0.3659



63.1025, 0.3958, 0.3741



61.4264, 0.3645, 0.4052



13.2755, 0.3281, 0.3389



13.3092, 0.5622, 0.3918



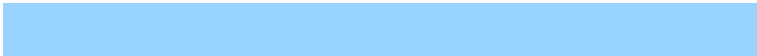
0.9647, 0.5317, 0.4161

Inverse Universe

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



44.9551, 0.2607, 0.2887



61.0098, 0.2495, 0.2783



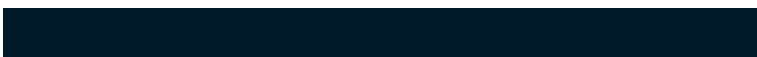
32.1525, 0.2545, 0.2393



13.1869, 0.2982, 0.3189



11.7811, 0.1848, 0.1851



0.8729, 0.1923, 0.2124

Previews

White Background



This preview shows how the Yxy color 46.1665, 0.3775, 0.3659 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 46.1665, 0.3775, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

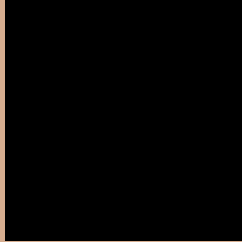
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1665, 0.3775, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 46.1665, 0.3775, 0.3659.



This preview shows how white text looks on a background with the Yxy color 46.1665, 0.3775, 0.3659.

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

46.1665, 0.3775, 0.3659

Protanopia

46.3608, 0.3506, 0.3734

Deuteranopia

46.2523, 0.3752, 0.3673



Tritanopia

46.2469, 0.3476, 0.3137

Trichromacy



Original Color

46.1665, 0.3775, 0.3659

Protanomaly

46.1955, 0.3598, 0.3700

Deuteranomaly

46.4014, 0.3761, 0.3672

Tritanomaly

46.2912, 0.3592, 0.3327

Monochromacy



Original Color

46.1665, 0.3775, 0.3659

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5367, 0.3351, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1665, 0.3775, 0.3659 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(214, 173, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 173, 143)  
}
```

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(214, 173, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 173, 143) }
```

Border

The CSS property to change the border of an element to Yxy 46.1665, 0.3775, 0.3659 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(214, 173, 143) }
```

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

```
.border{ border-color:rgb(214, 173, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 173, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 173, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 173, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 173,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1665, 0.3775, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 173, 143) }
```

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

```
.background{ background-color: rgb(214,  
173, 143) }
```

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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