

Converting Colors

$Y_{xy}(43.4554, 0.4050, 0.4024)$

Have a look what the booklet for
Yxy(43.4554, 0.4050, 0.4024)
contains.

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Color

Yxy(43.5769, 0.4045, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	D2AA6E
RGB	210, 170, 110
RGB Percent	82%, 67%, 43%
CMY	0.1764, 0.3333, 0.5685
CMYK	0.00, 0.19, 0.48, 0.18
HSL	36°, 53%, 63%
HSV	36°, 48%, 82%
XYZ	43.7717, 43.5769, 20.8632
YIQ	175.1200, 43.1000, -10.1800

Conversions

Conversions Part 2

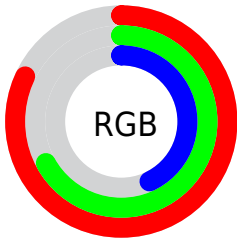
Format	Color
RYB	177, 210, 110
Decimal	13806190
CIELab	71.94, 7.05, 36.33
CIELCh	72, 37.004, 79.022
Yxy	43.5769, 0.4045, 0.4027
Android (android.graphics.Color)	4291996270 (0xFFD2AA6E)
YUV	175.1200, -32.1042, 30.5898
Hunter-Lab	66.0128, 2.8371, 27.4705

Details

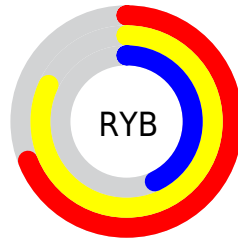
The Yxy color **43.5769, 0.4045, 0.4027** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.7969, 0.2338, 0.2403**, and the grayscale version is **43.0905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7191, 0.3779, 0.3932**, and **20.0661, 0.4286, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **40.1231, 0.4278, 0.4163**, and if you desaturate by 10%, it is **47.3447, 0.3821, 0.3875**.

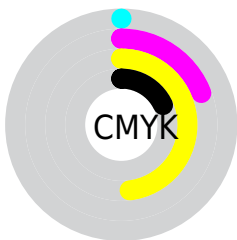
Distribution



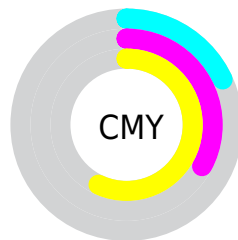
- Red (82%)
- Green (67%)
- Blue (43%)



- Red (69%)
- Yellow (82%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5769, 0.4045, 0.4027 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 43.5769, 0.4045, 0.4027 by changing the saturation by 10% instead.

 43.5769, 0.4045,
0.4027


 43.5769, 0.4045,
0.4027

360.9789, 0.3588,
0.3672


 30.3380, 0.4155,
0.4108


 80.5807, 0.3881,
0.3903

 20.0953, 0.4292,
0.4205


 105.1144, 0.3819,
0.3855

 12.4643, 0.4465,
0.4322


 134.1819, 0.3766,
0.3814

 7.0607, 0.4686,
0.4459

 168.1674, 0.3720,
0.3778

 3.5001, 0.5115,
0.4742

207.4555, 0.3680,
0.3747

 1.3981, 0.5299,
0.4701

252.4306, 0.3646,

 0.2153, 0.6363,

0.3719

0.3637

303.4769, 0.3615,
0.3694

0.0000, 0.0000,
0.0000

43.5769, 0.4045,
0.4027

43.5769, 0.4045,
0.4027

40.1231, 0.4278,
0.4163

47.3447, 0.3821,
0.3875

36.9656, 0.4511,
0.4270

51.4311, 0.3611,
0.3715

34.0939, 0.4732,
0.4338

55.8479, 0.3419,
0.3556

31.4936, 0.4928,
0.4356

60.6047, 0.3246,
0.3402

29.1462, 0.5090,
0.4322

65.7103, 0.3092,
0.3256

■ 28.6164, 0.5128,
0.4311

■ 71.1733, 0.2955,
0.3119

■ 76.8700, 0.2846,
0.3013

■ 81.6300, 0.2851,
0.3103

■ 86.6182, 0.2855,
0.3192

Harmonies

Analogous

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



43.5769, 0.4185, 0.3655



43.5769, 0.4045, 0.4027



43.5769, 0.3658, 0.4240

Triad

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



43.5769, 0.4045, 0.4027



43.5769, 0.2307, 0.3246



43.5769, 0.3035, 0.2580

Complementary

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



43.5769, 0.4045, 0.4027



29.7969, 0.2338, 0.2403

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.



43.5769, 0.2563, 0.2455



43.5769, 0.4045, 0.4027



43.5769, 0.2172, 0.2787

Square

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



43.5769, 0.4045, 0.4027



43.5769, 0.2655, 0.3779



43.5769, 0.2262, 0.2517



43.5769, 0.3575, 0.2858

Rectangle

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



43.5769, 0.4045, 0.4027



43.5769, 0.3322, 0.4228



43.5769, 0.2262, 0.2517



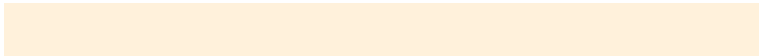
43.5769, 0.2863, 0.2519

Sweetspot

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



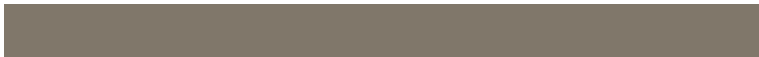
43.5790, 0.4045, 0.4027



89.1308, 0.3357, 0.3502



27.1182, 0.3868, 0.2775



18.7396, 0.3396, 0.3536



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.



43.5790, 0.4045, 0.4027



62.2334, 0.4279, 0.4163



59.7387, 0.3755, 0.4474



12.9706, 0.3276, 0.3429



17.6545, 0.5110, 0.4325



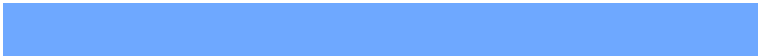
1.1402, 0.4898, 0.4493

Inverse Universe

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



29.7969, 0.2338, 0.2403



38.4515, 0.2172, 0.2174



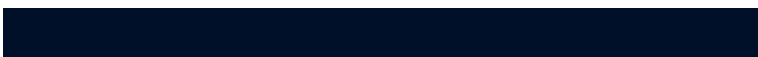
19.6883, 0.2292, 0.1825



12.1831, 0.2982, 0.3147



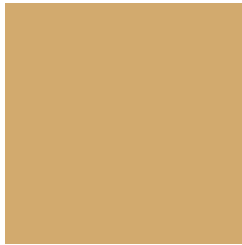
6.8950, 0.1688, 0.1275



0.5391, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 43.5769, 0.4045, 0.4027 looks on a white background.

Color Contrast Check

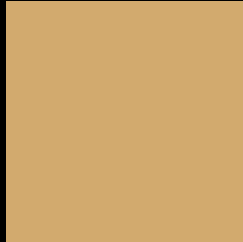
Large Text (above 18pt) WCAG AA × Fail

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 43.5769, 0.4045, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

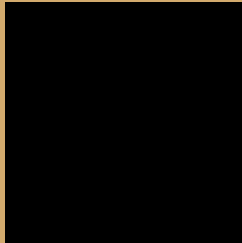
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5769, 0.4045, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 43.5769, 0.4045, 0.4027.



This preview shows how white text looks on a background with the Yxy color 43.5769, 0.4045, 0.4027.

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

43.5769, 0.4045, 0.4027

Protanopia

43.8430, 0.3807, 0.4127

Deuteranopia

43.6479, 0.4080, 0.4007



Tritanopia

43.5347, 0.3526, 0.3134

Trichromacy



Original Color

43.5769, 0.4045, 0.4027

Protanomaly

43.5841, 0.3898, 0.4083

Deuteranomaly

43.4988, 0.4070, 0.4010

Tritanomaly

43.4408, 0.3730, 0.3464

Monochromacy



Original Color

43.5769, 0.4045, 0.4027

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8129, 0.3455, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5769, 0.4045, 0.4027 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(210, 170, 110)` looks like.

```
.text, #text, p{  
    color:rgb(210, 170, 110)  
}
```

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(210, 170, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 170, 110) }
```

Border

The CSS property to change the border of an element to Yxy 43.5769, 0.4045, 0.4027 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(210, 170, 110) }
```

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

```
.border{ border-color:rgb(210, 170, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 170, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 170, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 170, 110);  
box-shadow:4px 4px 4px 4px rgb(210, 170,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5769, 0.4045, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 170, 110) }
```

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

```
.background{ background-color: rgb(210,  
170, 110) }
```

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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