

Converting Colors

Yxy(55.6196, 0.4010, 0.4207)

Have a look what the booklet for
Yxy(55.6196, 0.4010, 0.4207)
contains.

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Color

Yxy(55.6231, 0.4010, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	E0C271
RGB	224, 194, 113
RGB Percent	88%, 76%, 44%
CMY	0.1215, 0.2392, 0.5567
CMYK	0.00, 0.13, 0.50, 0.12
HSL	44°, 64%, 66%
HSV	44°, 50%, 88%
XYZ	53.0185, 55.6231, 23.5740
YIQ	193.7360, 43.8810, -18.8310

Conversions

Conversions Part 2

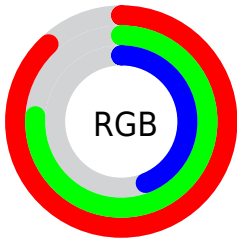
Format	Color
RYB	154, 224, 113
Decimal	14729841
CIELab	79.40, 0.39, 44.39
CIELCh	79, 44.388, 89.497
Yxy	55.6231, 0.4010, 0.4207
Android (android.graphics.Color)	4292919921 (0xFFE0C271)
YUV	193.7360, -39.8028, 26.5415
Hunter-Lab	74.5809, -3.6236, 33.4658

Details

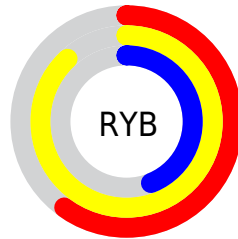
The Yxy color **55.6231, 0.4010, 0.4207** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.5568, 0.2261, 0.2145**, and the grayscale version is **54.0088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3844, 0.3670, 0.4119**, and **27.6130, 0.4217, 0.4422** is the 20% darker color. If you saturate the color by 10%, you get **52.5392, 0.4201, 0.4363**, and if you desaturate by 10%, it is **58.9467, 0.3816, 0.4030**.

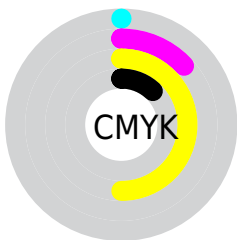
Distribution



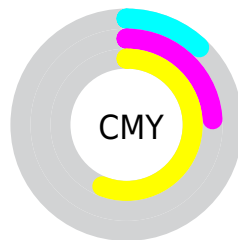
- Red (88%)
- Green (76%)
- Blue (44%)



- Red (60%)
- Yellow (88%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (12%)





- Cyan (12%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6231, 0.4010, 0.4207 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 55.6231, 0.4010, 0.4207 by changing the saturation by 10% instead.


 55.6231, 0.4010,
0.4207

 55.6231, 0.4010,
0.4207


408.2696, 0.3596,
0.3778


 39.9008, 0.4102,
0.4302


 98.4533, 0.3868,
0.4060

 27.4612, 0.4212,
0.4415


 126.3300, 0.3812,
0.4002

 17.9199, 0.4344,
0.4551


 159.0270, 0.3763,
0.3951

 10.8925, 0.4501,
0.4712

196.9286, 0.3721,
0.3908

 5.9946, 0.4711,
0.4927

240.4193, 0.3684,
0.3869

 2.8418, 0.4892,
0.5108

289.8834, 0.3651,

 1.0497, 0.4900,

0.3835

0.5100

345.7054, 0.3622,
0.3805

■ 0.0000, 0.0000,
0.0000

■ 55.6231, 0.4010,
0.4207

■ 55.6231, 0.4010,
0.4207

■ 52.5392, 0.4201,
0.4363

■ 58.9467, 0.3816,
0.4030

■ 49.6766, 0.4381,
0.4487

■ 62.5120, 0.3625,
0.3841

■ 47.0259, 0.4539,
0.4569


■ 66.3302, 0.3444,
0.3650

■ 44.5733, 0.4670,
0.4602

■ 70.4099, 0.3275,
0.3462

■ 42.2962, 0.4772,
0.4590


■ 74.7587, 0.3120,
0.3282

 42.1951, 0.4777,
0.4589

 79.3841, 0.2980,
0.3112

 83.2996, 0.2936,
0.3100

 86.8565, 0.2938,
0.3162

 90.5330, 0.2939,
0.3224

Harmonies

Analogous

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



55.6231, 0.4278, 0.3835



55.6231, 0.4010, 0.4207



55.6231, 0.3516, 0.4358

Triad

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



55.6231, 0.4010, 0.4207



55.6231, 0.2149, 0.3039



55.6231, 0.3231, 0.2603

Complementary

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



55.6231, 0.4010, 0.4207



28.5568, 0.2261, 0.2145

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.



55.6231, 0.2668, 0.2403



55.6231, 0.4010, 0.4207



55.6231, 0.2090, 0.2603

Square

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



55.6231, 0.4010, 0.4207



55.6231, 0.2448, 0.3629



55.6231, 0.2269, 0.2394



55.6231, 0.3814, 0.2950

Rectangle

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



55.6231, 0.4010, 0.4207



55.6231, 0.3134, 0.4263



55.6231, 0.2269, 0.2394



55.6231, 0.3032, 0.2518

Sweetspot

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



55.6257, 0.4010, 0.4207



91.3523, 0.3368, 0.3566



29.6962, 0.4110, 0.2925



19.3071, 0.3404, 0.3606



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.



55.6257, 0.4010, 0.4207



70.5183, 0.4199, 0.4361



66.7893, 0.3663, 0.4576



15.3696, 0.3274, 0.3460



24.7560, 0.4766, 0.4598



1.8618, 0.4658, 0.4684

Inverse Universe

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



28.5568, 0.2261, 0.2145



30.5219, 0.2082, 0.1870



22.5257, 0.2365, 0.1794



13.8435, 0.2981, 0.3114



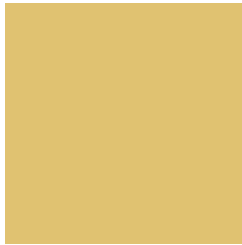
5.2133, 0.1594, 0.0936



0.5077, 0.1677, 0.1237

Previews

White Background



This preview shows how the Yxy color 55.6231, 0.4010, 0.4207 looks on a white background.

Color Contrast Check

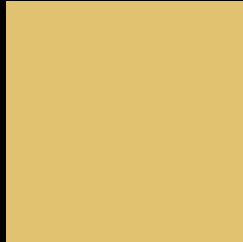
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Xy color 55.6231, 0.4010, 0.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

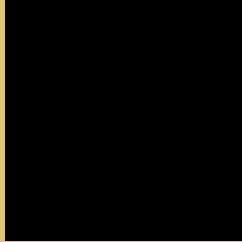
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6231, 0.4010, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 55.6231, 0.4010, 0.4207.



This preview shows how white text looks on a background with the Yxy color 55.6231, 0.4010, 0.4207.

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

55.6231, 0.4010, 0.4207

Protanopia

55.7463, 0.3916, 0.4254

Deuteranopia

55.5321, 0.4169, 0.4089



Tritanopia

55.5140, 0.3423, 0.3135

Trichromacy



Original Color

55.6231, 0.4010, 0.4207

Protanomaly

55.7548, 0.3948, 0.4234

Deuteranomaly

55.5342, 0.4113, 0.4125

Tritanomaly

55.4145, 0.3650, 0.3531

Monochromacy



Original Color

55.6231, 0.4010, 0.4207

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2793, 0.3442, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6231, 0.4010, 0.4207 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(224, 194, 113)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 113)  
}
```

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(224, 194, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 113) }
```

Border

The CSS property to change the border of an element to Yxy 55.6231, 0.4010, 0.4207 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(224, 194, 113) }
```

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

```
.border{ border-color:rgb(224, 194, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 113);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6231, 0.4010, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 113) }
```

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

```
.background{ background-color: rgb(224,  
194, 113) }
```

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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