

Converting Colors

Yxy(62.2471, 0.3985, 0.4378)

Have a look what the booklet for
Yxy(62.2471, 0.3985, 0.4378)
contains.

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Color

Yxy(62.3632, 0.3981, 0.4385)

Conversions

Conversions Part 1

Format	Color
Hex	E2D06C
RGB	226, 208, 108
RGB Percent	89%, 82%, 42%
CMY	0.1139, 0.1842, 0.5765
CMYK	0.00, 0.08, 0.52, 0.11
HSL	51°, 67%, 65%
HSV	51°, 52%, 89%
XYZ	56.6175, 62.3632, 23.2386
YIQ	201.9820, 42.8280, -27.2840

Conversions

Conversions Part 2

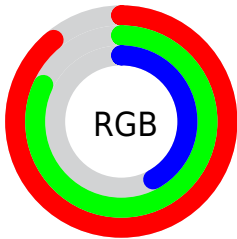
Format	Color
RYB	129, 226, 108
Decimal	14864492
CIELab	83.11, -6.48, 51.35
CIElCh	83, 51.758, 97.192
Yxy	62.3632, 0.3981, 0.4385
Android (android.graphics.Color)	4293054572 (0xFFE2D06C)
YUV	201.9820, -46.3331, 21.0638
Hunter-Lab	78.9704, -10.2232, 37.8320

Details

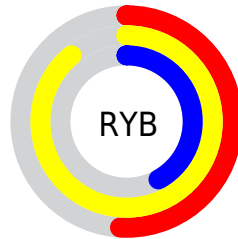
The Yxy color **62.3632, 0.3981, 0.4385** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.5828, 0.2172, 0.1872**, and the grayscale version is **59.3241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **31.7216, 0.4148, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **60.2877, 0.4133, 0.4552**, and if you desaturate by 10%, it is **64.6055, 0.3817, 0.4192**.

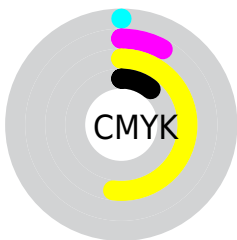
Distribution



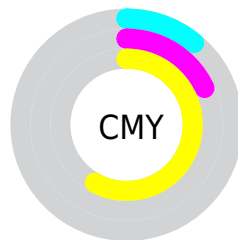
- Red (89%)
- Green (82%)
- Blue (42%)



- Red (51%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3632, 0.3981, 0.4385 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 62.3632, 0.3981, 0.4385 by changing the saturation by 10% instead.


 62.3632, 0.3981,
0.4385


 62.3632, 0.3981,
0.4385


433.2547, 0.3598,
0.3877

 45.3262, 0.4060,
0.4495


 108.2503, 0.3854,
0.4212

 31.7145, 0.4152,
0.4627


 137.8692, 0.3802,
0.4144

 21.1435, 0.4257,
0.4784


 172.4509, 0.3757,
0.4084

 13.2289, 0.4371,
0.4968

 212.3797, 0.3718,
0.4032

 7.5864, 0.4513,
0.5212

258.0401, 0.3683,
0.3987

 3.8314, 0.4580,
0.5420

309.8165, 0.3651,

 1.5797, 0.4477,

0.3946

0.5523

368.0932, 0.3623,
0.3910

0.3439, 0.3291,
0.6709

0.0000, 0.0000,
0.0000

62.3632, 0.3981,
0.4385

62.3632, 0.3981,
0.4385

60.2877, 0.4133,
0.4552

64.6055, 0.3817,
0.4192

58.3602, 0.4265,
0.4682


67.0149, 0.3647,
0.3981

56.5720, 0.4371,
0.4768

69.6025, 0.3478,
0.3764


54.9094, 0.4449,
0.4808

72.3760, 0.3315,
0.3546

 53.6831, 0.4494,
0.4814

 75.3423, 0.3160,
0.3335

 78.5081, 0.3016,
0.3134

 81.1393, 0.2948,
0.3055

 83.0941, 0.2948,
0.3091

 85.0869, 0.2949,
0.3127

Harmonies

Analogous

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



62.3632, 0.4366, 0.4002



62.3632, 0.3981, 0.4385



62.3632, 0.3389, 0.4480

Triad

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



62.3632, 0.3981, 0.4385



62.3632, 0.2000, 0.2854



62.3632, 0.3414, 0.2614

Complementary

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



62.3632, 0.3981, 0.4385



23.5828, 0.2172, 0.1872

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.



62.3632, 0.2760, 0.2349



62.3632, 0.3981, 0.4385



62.3632, 0.2006, 0.2438

Square

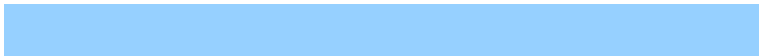
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3632, 0.3981, 0.4385



62.3632, 0.2259, 0.3491



62.3632, 0.2265, 0.2278



62.3632, 0.4042, 0.3025

Rectangle

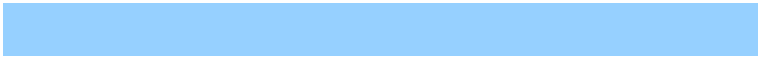
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3632, 0.3981, 0.4385



62.3632, 0.2963, 0.4302



62.3632, 0.2265, 0.2278



62.3632, 0.3187, 0.2507

Sweetspot

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



62.3661, 0.3981, 0.4385



93.7495, 0.3378, 0.3631



28.4363, 0.4379, 0.3068



19.9044, 0.3412, 0.3676



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.



62.3661, 0.3981, 0.4385



78.9830, 0.4150, 0.4569



65.9739, 0.3579, 0.4694



15.6557, 0.3271, 0.3487



30.7786, 0.4488, 0.4818



2.2308, 0.4436, 0.4860

Inverse Universe

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



23.5828, 0.2172, 0.1872



22.7608, 0.1958, 0.1523



22.4456, 0.2431, 0.1750



13.5781, 0.2981, 0.3085



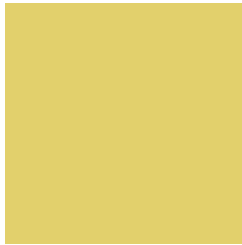
3.9056, 0.1536, 0.0730



0.3771, 0.1603, 0.0971

Previews

White Background



This preview shows how the Yxy color 62.3632, 0.3981, 0.4385 looks on a white background.

Color Contrast Check

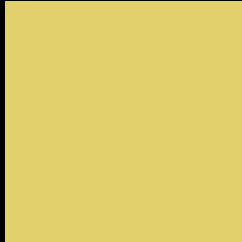
Large Text (above 18pt) WCAG AA × Fail

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 62.3632, 0.3981, 0.4385 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 62.3632, 0.3981, 0.4385

Background



This preview shows how black text looks on a background with the Yxy color 62.3632, 0.3981, 0.4385.



This preview shows how white text looks on a background with the Yxy color 62.3632, 0.3981, 0.4385.

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

62.3632, 0.3981, 0.4385

Protanopia

62.2023, 0.4004, 0.4368

Deuteranopia

62.1510, 0.4260, 0.4156



Tritanopia

62.0662, 0.3326, 0.3118

Trichromacy



Original Color

62.3632, 0.3981, 0.4385

Protanomaly

62.0393, 0.3995, 0.4372

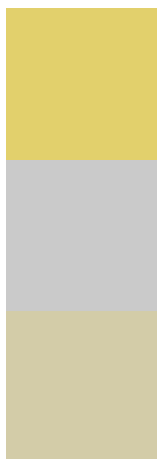
Deuteranomaly

62.1322, 0.4160, 0.4236

Tritanomaly

61.5204, 0.3585, 0.3582

Monochromacy



Original Color

62.3632, 0.3981, 0.4385

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8618, 0.3447, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3632, 0.3981, 0.4385 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(226, 208, 108)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 108)  
}
```

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(226, 208, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 108) }
```

Border

The CSS property to change the border of an element to Yxy 62.3632, 0.3981, 0.4385 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(226, 208, 108) }
```

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

```
.border{ border-color:rgb(226, 208, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 208, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 208, 108); box-shadow:4px 4px 4px 4px rgb(226, 208, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3632, 0.3981, 0.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 108) }
```

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

```
.background{ background-color: rgb(226,  
208, 108) }
```

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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