

Converting Colors

Yxy(64.3660, 0.4063, 0.4527)

Have a look what the booklet for
Yxy(64.3660, 0.4063, 0.4527)
contains.

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Color

Yxy(64.5531, 0.4064, 0.4532)

Conversions

Conversions Part 1

Format	Color
Hex	E5D45E
RGB	229, 212, 94
RGB Percent	90%, 83%, 37%
CMY	0.1018, 0.1687, 0.6314
CMYK	0.00, 0.07, 0.59, 0.10
HSL	52°, 72%, 63%
HSV	52°, 59%, 90%
XYZ	57.8870, 64.5531, 19.9984
YIQ	203.6310, 48.0100, -33.0940

Conversions

Conversions Part 2

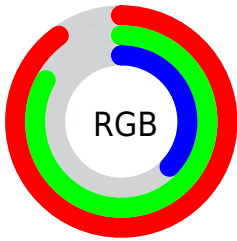
Format	Color
RYB	113, 229, 94
Decimal	15062110
CIELab	84.25, -8.30, 59.16
CIELCh	84, 59.743, 97.988
Yxy	64.5531, 0.4064, 0.4532
Android (android.graphics.Color)	4293252190 (0xFFE5D45E)
YUV	203.6310, -54.0481, 22.2486
Hunter-Lab	80.3449, -11.9978, 41.4838

Details

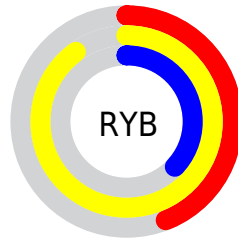
The Yxy color **64.5531, 0.4064, 0.4532** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **19.4195, 0.2030, 0.1612**, and the grayscale version is **60.4680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **33.2581, 0.4232, 0.4790** is the 20% darker color. If you saturate the color by 10%, you get **62.7712, 0.4195, 0.4678**, and if you desaturate by 10%, it is **66.4889, 0.3914, 0.4352**.

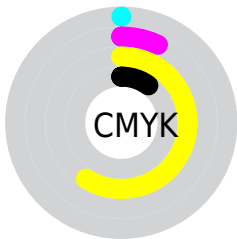
Distribution



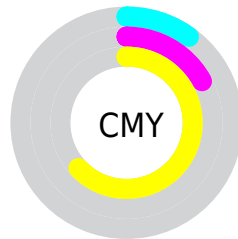
- Red (90%)
- Green (83%)
- Blue (37%)



- Red (44%)
- Yellow (90%)
- Blue (37%)



- Cyan (0%)
- Magenta (7%)
- Yellow (59%)
- Black (10%)





- Cyan (10%)
- Magenta (17%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5531, 0.4064, 0.4532 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 64.5531, 0.4064, 0.4532 by changing the saturation by 10% instead.


 64.5531, 0.4064,
0.4532

 64.5531, 0.4064,
0.4532


441.1843, 0.3656,
0.3966

 47.0988, 0.4143,
0.4651


 111.4071, 0.3932,
0.4342


 33.1138, 0.4232,
0.4790


 141.5756, 0.3878,
0.4266

 22.2136, 0.4328,
0.4950


 176.7509, 0.3830,
0.4200

 14.0139, 0.4424,
0.5131

 217.3175, 0.3787,
0.4141

 8.1304, 0.4581,
0.5419

263.6598, 0.3749,
0.4090

 4.1785, 0.4507,
0.5493

316.1620, 0.3715,

 1.7739, 0.4383,

0.4044

0.5617

375.2087, 0.3684,
0.4003

0.4708, 0.3421,
0.6579

0.0000, 0.0000,
0.0000

64.5531, 0.4064,
0.4532

64.5531, 0.4064,
0.4532

62.7712, 0.4195,
0.4678

66.4889, 0.3914,
0.4352

61.1229, 0.4302,
0.4782


68.5794, 0.3753,
0.4148


59.5979, 0.4380,
0.4840

70.8366, 0.3587,
0.3929

58.1757, 0.4433,
0.4857

73.2688, 0.3422,
0.3705

 58.0307, 0.4438,
0.4858

 75.8833, 0.3263,
0.3483

 78.6874, 0.3112,
0.3268

 81.6876, 0.2971,
0.3065

 83.3743, 0.2968,
0.3088

 85.0450, 0.2968,
0.3118

Harmonies

Analogous

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



64.5531, 0.4519, 0.4085



64.5531, 0.4064, 0.4532



64.5531, 0.3390, 0.4657

Triad

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



64.5531, 0.4064, 0.4532



64.5531, 0.1860, 0.2767



64.5531, 0.3469, 0.2542

Complementary

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



64.5531, 0.4064, 0.4532



19.4195, 0.2030, 0.1612

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.



64.5531, 0.2724, 0.2243



64.5531, 0.4064, 0.4532



64.5531, 0.1877, 0.2316

Square

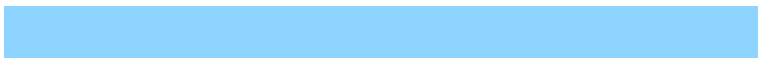
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5531, 0.4064, 0.4532



64.5531, 0.2133, 0.3491



64.5531, 0.2169, 0.2155



64.5531, 0.4187, 0.2998

Rectangle

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



64.5531, 0.4064, 0.4532



64.5531, 0.2910, 0.4450



64.5531, 0.2169, 0.2155



64.5531, 0.3210, 0.2422

Sweetspot

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



64.5561, 0.4064, 0.4532



93.7464, 0.3409, 0.3686



25.8407, 0.4710, 0.3100



19.8649, 0.3456, 0.3751



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.



64.5561, 0.4064, 0.4532



79.5463, 0.4224, 0.4707



66.5168, 0.3582, 0.4886



16.4903, 0.3271, 0.3494



33.2887, 0.4434, 0.4862



2.5472, 0.4393, 0.4894

Inverse Universe

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



19.4195, 0.2030, 0.1612



17.1880, 0.1809, 0.1237



19.5511, 0.2356, 0.1558



14.1789, 0.2980, 0.3078



3.8290, 0.1527, 0.0698



0.3788, 0.1583, 0.0898

Previews

White Background



This preview shows how the Yxy color 64.5531, 0.4064, 0.4532 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 64.5531, 0.4064, 0.4532 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 64.5531, 0.4064, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 64.5531, 0.4064, 0.4532.



This preview shows how white text looks on a background with the Yxy color 64.5531, 0.4064, 0.4532.

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

64.5531, 0.4064, 0.4532

Protanopia

64.2250, 0.4109, 0.4498

Deuteranopia

64.2942, 0.4210, 0.4146



Tritanopia

64.2784, 0.3332, 0.3121

Trichromacy



Original Color

64.5531, 0.4064, 0.4532

Protanomaly

64.5525, 0.4094, 0.4511

Deuteranomaly

64.3382, 0.4164, 0.4284

Tritanomaly

63.9589, 0.3630, 0.3654

Monochromacy



Original Color

64.5531, 0.4064, 0.4532

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.4521, 0.3487, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5531, 0.4064, 0.4532 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(229, 212, 94)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 94)  
}
```

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(229, 212, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 94) }
```

Border

The CSS property to change the border of an element to Yxy 64.5531, 0.4064, 0.4532 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(229, 212, 94) }
```

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

```
.border{ border-color:rgb(229, 212, 94) }
```

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

Here you see how a box with a 4 pixel rgb(229, 212, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 94);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5531, 0.4064, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 94) }
```

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

```
.background{ background-color: rgb(229,  
212, 94) }
```

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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