

Converting Colors

$Yxy(65.6267, 0.4006, 0.4596)$

Have a look what the booklet for
Yxy(65.6267, 0.4006, 0.4596)
contains.

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Color

Yxy(65.7493, 0.4004, 0.4596)

Conversions

Conversions Part 1

Format	Color
Hex	E0D85D
RGB	224, 216, 93
RGB Percent	88%, 85%, 36%
CMY	0.1214, 0.1530, 0.6353
CMYK	0.00, 0.04, 0.58, 0.12
HSL	56°, 68%, 62%
HSV	56°, 58%, 88%
XYZ	57.2803, 65.7493, 20.0281
YIQ	204.3700, 44.2510, -36.5570

Conversions

Conversions Part 2

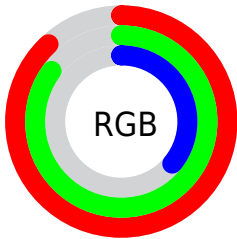
Format	Color
RYB	102, 224, 93
Decimal	14735453
CIELab	84.87, -12.44, 60.17
CIELCh	85, 61.441, 101.682
Yxy	65.7493, 0.4004, 0.4596
Android (android.graphics.Color)	4292925533 (0xFFE0D85D)
YUV	204.3700, -54.9054, 17.2155
Hunter-Lab	81.0859, -15.8054, 42.1156

Details

The Yxy color **65.7493, 0.4004, 0.4596** 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 **17.0272, 0.2015, 0.1516**, and the grayscale version is **60.9679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8866, 0.3761, 0.4338**, and **33.7303, 0.4158, 0.4869** is the 20% darker color. If you saturate the color by 10%, you get **64.7103, 0.4117, 0.4750**, and if you desaturate by 10%, it is **66.9165, 0.3871, 0.4407**.

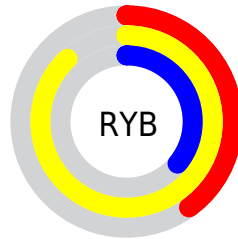
Distribution



Red (88%)

Green (85%)

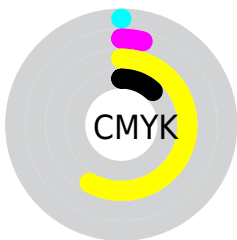
Blue (36%)



Red (40%)

Yellow (88%)

Blue (36%)

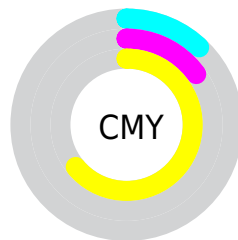


Cyan (0%)

Magenta (4%)

Yellow (58%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7493, 0.4004, 0.4596 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 65.7493, 0.4004, 0.4596 by changing the saturation by 10% instead.


 65.7493, 0.4004,
0.4596


 65.7493, 0.4004,
0.4596


445.4798, 0.3629,
0.3997


 48.0689, 0.4075,
0.4723


 113.1264, 0.3884,
0.4394


 33.8815, 0.4153,
0.4873

 143.5920, 0.3834,
0.4313

 22.8026, 0.4234,
0.5047


 179.0880, 0.3790,
0.4243

 14.4478, 0.4310,
0.5246

 219.9990, 0.3751,
0.4181

 8.4328, 0.4437,
0.5563

266.7092, 0.3715,
0.4127

 4.3731, 0.4328,
0.5672

319.6032, 0.3683,

 1.8844, 0.4145,

0.4079

0.5855

379.0652, 0.3655,
0.4035

0.5390, 0.2790,
0.7210

0.0000, 0.0000,
0.0000

65.7493, 0.4004,
0.4596

65.7493, 0.4004,
0.4596

64.7103, 0.4117,
0.4750

66.9165, 0.3871,
0.4407

63.7800, 0.4205,
0.4863

68.2121, 0.3723,
0.4191

62.9489, 0.4266,
0.4932

69.6473, 0.3567,
0.3960


62.1988, 0.4301,
0.4960

71.2299, 0.3409,
0.3722


 62.0884, 0.4306,
0.4963

 72.9667, 0.3254,
0.3485

 74.8645, 0.3105,
0.3256

 76.9293, 0.2965,
0.3038

 78.0069, 0.2934,
0.3001

 78.7619, 0.2935,
0.3016

Harmonies

Analogous

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



65.7493, 0.4507, 0.4162



65.7493, 0.4004, 0.4596



65.7493, 0.3301, 0.4670

Triad

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



65.7493, 0.4004, 0.4596



65.7493, 0.1823, 0.2680



65.7493, 0.3574, 0.2577

Complementary

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



65.7493, 0.4004, 0.4596



17.0272, 0.2015, 0.1516

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.



65.7493, 0.2801, 0.2251



65.7493, 0.4004, 0.4596



65.7493, 0.1875, 0.2261

Square

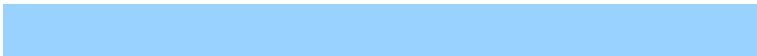
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7493, 0.4004, 0.4596



65.7493, 0.2063, 0.3393



65.7493, 0.2206, 0.2132



65.7493, 0.4283, 0.3055

Rectangle

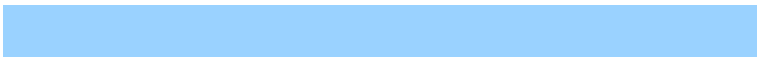
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7493, 0.4004, 0.4596



65.7493, 0.2816, 0.4413



65.7493, 0.2206, 0.2132



65.7493, 0.3308, 0.2448

Sweetspot

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



65.7524, 0.4004, 0.4596



95.6046, 0.3404, 0.3713



24.6366, 0.4812, 0.3200



20.3252, 0.3450, 0.3783



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.



65.7524, 0.4004, 0.4596



86.5185, 0.4137, 0.4777



62.3638, 0.3513, 0.4909



15.8779, 0.3269, 0.3508



36.1900, 0.4304, 0.4964



2.5528, 0.4285, 0.4979

Inverse Universe

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



17.0272, 0.2015, 0.1516



15.6670, 0.1796, 0.1148



19.6768, 0.2445, 0.1608



13.3776, 0.2981, 0.3063



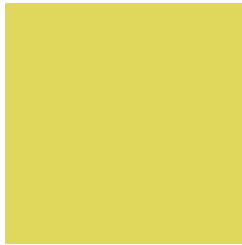
3.3673, 0.1511, 0.0640



0.2817, 0.1543, 0.0756

Previews

White Background



This preview shows how the Yxy color 65.7493, 0.4004, 0.4596 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 65.7493, 0.4004, 0.4596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

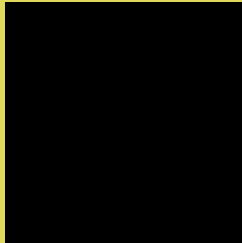
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7493, 0.4004, 0.4596

Background



This preview shows how black text looks on a background with the Yxy color 65.7493, 0.4004, 0.4596.



This preview shows how white text looks on a background with the Yxy color 65.7493, 0.4004, 0.4596.

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

65.7493, 0.4004, 0.4596

Protanopia

65.5218, 0.4123, 0.4522

Deuteranopia

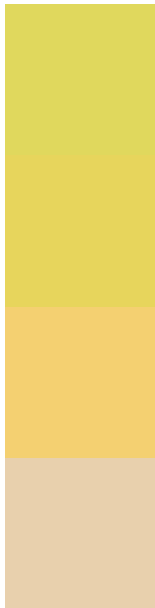
65.4271, 0.4143, 0.4093



Tritanopia

65.6592, 0.3266, 0.3120

Trichromacy



Original Color

65.7493, 0.4004, 0.4596

Protanomaly

65.3501, 0.4084, 0.4548

Deuteranomaly

65.5371, 0.4098, 0.4274

Tritanomaly

65.2847, 0.3571, 0.3679

Monochromacy



Original Color

65.7493, 0.4004, 0.4596

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.6410, 0.3468, 0.3809

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7493, 0.4004, 0.4596 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, 216, 93)` looks like.

```
.text, #text, p{  
  color:rgb(224, 216, 93)  
}
```

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, 216, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 93) }
```

Border

The CSS property to change the border of an element to Yxy 65.7493, 0.4004, 0.4596 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, 216, 93) }
```

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

```
.border{ border-color:rgb(224, 216, 93) }
```

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

Here you see how a box with a 4 pixel rgb(224, 216, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 93);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7493, 0.4004, 0.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 93) }
```

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

```
.background{ background-color: rgb(224,  
216, 93) }
```

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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