

Converting Colors

Yxy(64.8773, 0.4097, 0.4849)

Have a look what the booklet for
Yxy(64.8773, 0.4097, 0.4849)
contains.

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Color

Yxy(65.0227, 0.4096, 0.4854)

Conversions

Conversions Part 1

Format	Color
Hex	DBD93D
RGB	219, 217, 61
RGB Percent	86%, 85%, 24%
CMY	0.1412, 0.1490, 0.7610
CMYK	0.00, 0.01, 0.72, 0.14
HSL	59°, 69%, 55%
HSV	59°, 72%, 86%
XYZ	54.8688, 65.0227, 14.0655
YIQ	199.8140, 51.2680, -48.0920

Conversions

Conversions Part 2

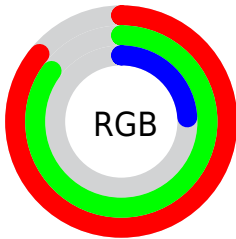
Format	Color
R_{YB}	63, 219, 61
Decimal	14407997
CIE _{Lab}	84.50, -16.85, 72.17
CIE _{LCh}	84, 74.106, 103.139
Yxy	65.0227, 0.4096, 0.4854
Android (android.graphics.Color)	4292598077 (0xFFDBD93D)
YUV	199.8140, -68.4353, 16.8261
Hunter-Lab	80.6367, -19.6548, 46.1037

Details

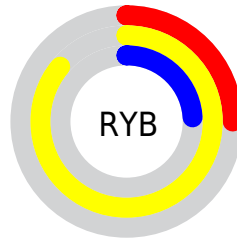
The Yxy color **65.0227, 0.4096, 0.4854** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.6546, 0.1751, 0.1025**, and the grayscale version is **58.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1119, 0.3903, 0.4572**, and **33.3142, 0.4172, 0.5069** is the 20% darker color. If you saturate the color by 10%, you get **64.6934, 0.4161, 0.4955**, and if you desaturate by 10%, it is **65.4546, 0.4005, 0.4710**.

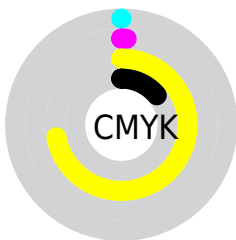
Distribution



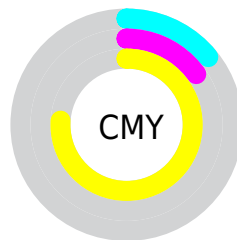
- Red (86%)
- Green (85%)
- Blue (24%)



- Red (25%)
- Yellow (86%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (72%)
- Black (14%)




- Cyan (14%)
- Magenta (15%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0227, 0.4096, 0.4854 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 65.0227, 0.4096, 0.4854 by changing the saturation by 10% instead.


 65.0227, 0.4096,
0.4854


 65.0227, 0.4096,
0.4854


442.8735, 0.3705,
0.4149

 47.4795, 0.4159,
0.4996


 112.0825, 0.3979,
0.4622


 33.4149, 0.4222,
0.5157


 142.3679, 0.3928,
0.4527


 22.4444, 0.4274,
0.5336

 177.6694, 0.3881,
0.4444

 14.1838, 0.4321,
0.5555

 218.3715, 0.3839,
0.4371

 8.2486, 0.4274,
0.5726

 264.8586, 0.3801,
0.4306

 4.2545, 0.4121,
0.5879

317.5150, 0.3766,

 1.8169, 0.3865,

0.4248

0.6135

376.7252, 0.3734,
0.4196

0.4977, 0.1105,
0.8895

0.0000, 0.0000,
0.0000

65.0227, 0.4096,
0.4854

65.0227, 0.4096,
0.4854

64.6934, 0.4161,
0.4955

65.4546, 0.4005,
0.4710


64.4450, 0.4199,
0.5013

65.9904, 0.3891,
0.4528


64.2926, 0.4216,
0.5035


66.6424, 0.3758,
0.4315


67.4185, 0.3613,
0.4080

 68.3263, 0.3462,
0.3834

 69.3725, 0.3309,
0.3586

 70.5635, 0.3159,
0.3342

 71.9053, 0.3016,
0.3108

 73.2053, 0.2899,
0.2918

Harmonies

Analogous

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



65.0227, 0.4730, 0.4304



65.0227, 0.4096, 0.4854



65.0227, 0.3258, 0.4978

Triad

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



65.0227, 0.4096, 0.4854



65.0227, 0.1598, 0.2508



65.0227, 0.3704, 0.2473

Complementary

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



65.0227, 0.4096, 0.4854



9.6546, 0.1751, 0.1025

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.



65.0227, 0.2769, 0.2090



65.0227, 0.4096, 0.4854



65.0227, 0.1678, 0.2056

Square

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



65.0227, 0.4096, 0.4854



65.0227, 0.1841, 0.3346



65.0227, 0.2065, 0.1938



65.0227, 0.4559, 0.3021

Rectangle

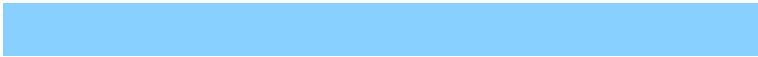
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0227, 0.4096, 0.4854



65.0227, 0.2690, 0.4651



65.0227, 0.2065, 0.1938



65.0227, 0.3381, 0.2323

Sweetspot

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



65.0257, 0.4096, 0.4854



96.4467, 0.3462, 0.3835



18.7583, 0.5550, 0.3274



20.5645, 0.3504, 0.3902



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.



65.0257, 0.4096, 0.4854



91.1122, 0.4185, 0.4992



56.8074, 0.3478, 0.5277



15.2341, 0.3267, 0.3518



38.1334, 0.4215, 0.5035



2.4797, 0.4211, 0.5038

Inverse Universe

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



9.6546, 0.1751, 0.1025



8.8050, 0.1565, 0.0713



13.7941, 0.2320, 0.1289



12.6434, 0.2981, 0.3051



3.0803, 0.1503, 0.0609



0.2091, 0.1510, 0.0635

Previews

White Background



This preview shows how the Yxy color 65.0227, 0.4096, 0.4854 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 65.0227, 0.4096, 0.4854 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 65.0227, 0.4096, 0.4854

Background



This preview shows how black text looks on a background with the Yxy color 65.0227, 0.4096, 0.4854.



This preview shows how white text looks on a background with the Yxy color 65.0227, 0.4096, 0.4854.

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

65.0227, 0.4096, 0.4854

Protanopia

64.7372, 0.4284, 0.4727

Deuteranopia

64.6709, 0.4230, 0.4191



Tritanopia

64.9296, 0.3242, 0.3129

Trichromacy



Original Color

65.0227, 0.4096, 0.4854

Protanomaly

64.7377, 0.4217, 0.4769

Deuteranomaly

64.2932, 0.4208, 0.4442

Tritanomaly

64.0159, 0.3621, 0.3820

Monochromacy



Original Color

65.0227, 0.4096, 0.4854

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.5779, 0.3550, 0.3974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0227, 0.4096, 0.4854 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(219, 217, 61)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 61)  
}
```

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(219, 217, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 61) }
```

Border

The CSS property to change the border of an element to Yxy 65.0227, 0.4096, 0.4854 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(219, 217, 61) }
```

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

```
.border{ border-color:rgb(219, 217, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 61);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0227, 0.4096, 0.4854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 61) }
```

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

```
.background{ background-color: rgb(219,  
217, 61) }
```

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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