

Converting Colors

Yxy(64.9424, 0.3776, 0.4200)

Have a look what the booklet for
Yxy(64.9424, 0.3776, 0.4200)
contains.

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Color

Yxy(64.9424, 0.3776, 0.4200)

Conversions

Conversions Part 1

Format	Color
Hex	DFD584
RGB	223, 213, 132
RGB Percent	87%, 84%, 52%
CMY	0.1256, 0.1647, 0.4823
CMYK	0.00, 0.04, 0.41, 0.13
HSL	53°, 59%, 70%
HSV	53°, 41%, 87%
XYZ	58.3863, 64.9424, 31.2961
YIQ	206.7560, 31.9610, -23.0710

Conversions

Conversions Part 2

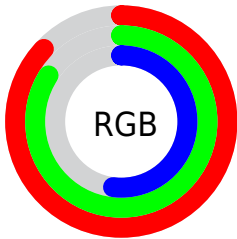
Format	Color
R _{YB}	143, 223, 132
Decimal	14669188
CIE Lab	84.45, -7.95, 41.21
CIE LCh	84, 41.968, 100.925
Yxy	64.9424, 0.3776, 0.4200
Android (android.graphics.Color)	4292859268 (0xFFDFD584)
YUV	206.7560, -36.8547, 14.2460
Hunter-Lab	80.5868, -11.7012, 33.3854

Details

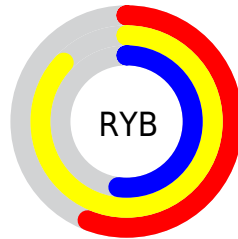
The Yxy color **64.9424, 0.3776, 0.4200** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.5769, 0.2392, 0.2177**, and the grayscale version is **62.4589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3252, 0.3538, 0.3969**, and **33.4973, 0.3906, 0.4419** is the 20% darker color. If you saturate the color by 10%, you get **63.1789, 0.3931, 0.4403**, and if you desaturate by 10%, it is **66.8609, 0.3614, 0.3980**.

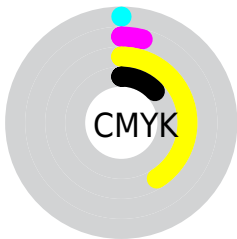
Distribution



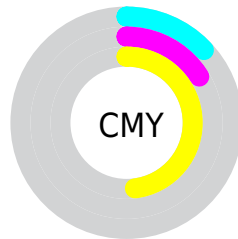
- Red (87%)
- Green (84%)
- Blue (52%)



- Red (56%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (4%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9424, 0.3776, 0.4200 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 64.9424, 0.3776, 0.4200 by changing the saturation by 10% instead.

 64.9424, 0.3776,
0.4200


 64.9424, 0.3776,
0.4200


442.5850, 0.3482,
0.3772

 47.4144, 0.3839,
0.4297


 111.9670, 0.3677,
0.4051

 33.3634, 0.3915,
0.4416


 142.2325, 0.3637,
0.3994

 22.4049, 0.4004,
0.4562


 177.5124, 0.3603,
0.3944

 14.1547, 0.4111,
0.4747

218.1914, 0.3572,
0.3900

 8.2284, 0.4231,
0.4978

264.6537, 0.3546,
0.3862

 4.2414, 0.4486,
0.5429

317.2839, 0.3522,

 1.8095, 0.4407,

0.3829

0.5593

376.4661, 0.3501,
0.3799

0.4931, 0.3576,
0.6424

0.0000, 0.0000,
0.0000

64.9424, 0.3776,
0.4200

64.9424, 0.3776,
0.4200

63.1789, 0.3931,
0.4403

66.8609, 0.3614,
0.3980

61.5528, 0.4073,
0.4580


68.9331, 0.3450,
0.3753


60.0579, 0.4195,
0.4720


71.1691, 0.3291,
0.3527


58.6832, 0.4292,
0.4818


73.5756, 0.3139,
0.3307


 57.4159, 0.4360,
0.4871


 76.1589, 0.2996,
0.3098

 56.3235, 0.4402,
0.4886

 78.2088, 0.2928,
0.3008

 79.5598, 0.2928,
0.3033

 80.9298, 0.2929,
0.3059

 82.3190, 0.2929,
0.3085

Harmonies

Analogous

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



64.9424, 0.4105, 0.3933



64.9424, 0.3776, 0.4200



64.9424, 0.3288, 0.4212

Triad

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



64.9424, 0.3776, 0.4200



64.9424, 0.2193, 0.2898



64.9424, 0.3430, 0.2774

Complementary

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



64.9424, 0.3776, 0.4200



29.5769, 0.2392, 0.2177

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.



64.9424, 0.2897, 0.2534



64.9424, 0.3776, 0.4200



64.9424, 0.2222, 0.2575

Square

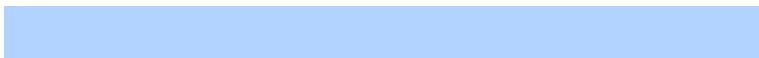
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9424, 0.3776, 0.4200



64.9424, 0.2387, 0.3390



64.9424, 0.2467, 0.2457



64.9424, 0.3909, 0.3131

Rectangle

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



64.9424, 0.3776, 0.4200



64.9424, 0.2943, 0.4038



64.9424, 0.2467, 0.2457



64.9424, 0.3249, 0.2678

Sweetspot

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



64.9454, 0.3776, 0.4200



96.0633, 0.3311, 0.3556



34.1658, 0.4041, 0.3166



20.4742, 0.3332, 0.3586



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.



64.9454, 0.3776, 0.4200



85.9682, 0.3910, 0.4376



65.1347, 0.3464, 0.4396



15.7596, 0.3270, 0.3497



33.2282, 0.4399, 0.4889



2.3775, 0.4363, 0.4918

Inverse Universe

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



29.5769, 0.2392, 0.2177



31.8372, 0.2216, 0.1897



30.0395, 0.2656, 0.2128



13.4838, 0.2981, 0.3074



3.6077, 0.1523, 0.0681



0.3324, 0.1576, 0.0872

Previews

White Background



This preview shows how the Yxy color 64.9424, 0.3776, 0.4200 looks on a white background.

Color Contrast Check

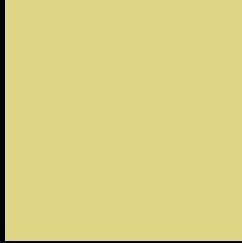
Large Text (above 18pt) WCAG AA × Fail

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 64.9424, 0.3776, 0.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

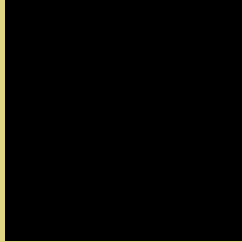
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9424, 0.3776, 0.4200

Background



This preview shows how black text looks on a background with the Yxy color 64.9424, 0.3776, 0.4200.



This preview shows how white text looks on a background with the Yxy color 64.9424, 0.3776, 0.4200.

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

64.9424, 0.3776, 0.4200

Protanopia

65.0502, 0.3849, 0.4172

Deuteranopia

64.5934, 0.4066, 0.3972



Tritanopia

64.9296, 0.3242, 0.3129

Trichromacy



Original Color

64.9424, 0.3776, 0.4200

Protanomaly

65.0566, 0.3820, 0.4190

Deuteranomaly

64.4386, 0.3963, 0.4048

Tritanomaly

64.8715, 0.3444, 0.3513

Monochromacy



Original Color

64.9424, 0.3776, 0.4200

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.0423, 0.3365, 0.3628

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9424, 0.3776, 0.4200 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(223, 213, 132)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 132)  
}
```

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(223, 213, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 132) }
```

Border

The CSS property to change the border of an element to Yxy 64.9424, 0.3776, 0.4200 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(223, 213, 132) }
```

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

```
.border{ border-color:rgb(223, 213, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 213, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 213, 132); box-shadow:4px 4px 4px 4px rgb(223, 213, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9424, 0.3776, 0.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 132) }
```

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

```
.background{ background-color: rgb(223,  
213, 132) }
```

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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