

Converting Colors

$Yxy(74.8658, 0.4034, 0.5082)$

Have a look what the booklet for
Yxy(74.8658, 0.4034, 0.5082)
contains.

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Color

Yxy(74.6041, 0.4036, 0.5082)

Conversions

Conversions Part 1

Format	Color
Hex	DBEB24
RGB	219, 235, 36
RGB Percent	86%, 92%, 14%
CMY	0.1410, 0.0784, 0.8587
CMYK	0.07, 0.00, 0.85, 0.08
HSL	65°, 83%, 53%
HSV	65°, 85%, 92%
XYZ	59.2488, 74.6041, 12.9478
YIQ	207.5300, 54.3430, -65.2810

Conversions

Conversions Part 2

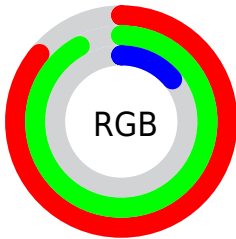
Format	Color
RYB	36, 235, 52
Decimal	14412580
CIELab	89.21, -26.36, 83.04
CIElCh	89, 87.125, 107.610
Yxy	74.6041, 0.4036, 0.5082
Android (android.graphics.Color)	4292602660 (0xFFDBEB24)
YUV	207.5300, -84.5643, 10.0592
Hunter-Lab	86.3737, -28.7103, 51.5737

Details

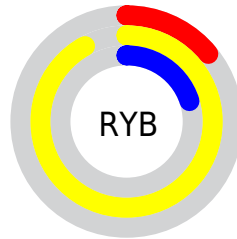
The Yxy color **74.6041, 0.4036, 0.5082** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **7.9913, 0.1634, 0.0766**, and the grayscale version is **63.2954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7795, 0.3969, 0.4682**, and **39.7138, 0.4008, 0.5199** is the 20% darker color. If you saturate the color by 10%, you get **74.2171, 0.4051, 0.5145**, and if you desaturate by 10%, it is **75.0954, 0.3996, 0.4976**.

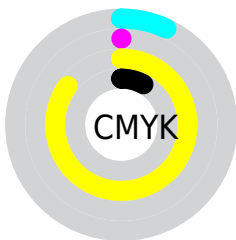
Distribution



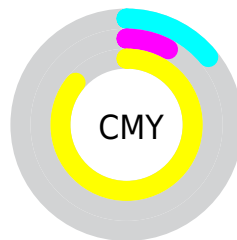
- Red (86%)
- Green (92%)
- Blue (14%)



- Red (14%)
- Yellow (92%)
- Blue (20%)



- Cyan (7%)
- Magenta (0%)
- Yellow (85%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6041, 0.4036, 0.5082 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 74.6041, 0.4036, 0.5082 by changing the saturation by 10% instead.


 74.6041, 0.4036,
0.5082


 74.6041, 0.4036,
0.5082

476.5557, 0.3709,
0.4293


 55.2886, 0.4077,
0.5235


 125.7518, 0.3948,
0.4827


 39.6328, 0.4110,
0.5406


 158.3528, 0.3906,
0.4722

 27.2524, 0.4123,
0.5594


 196.1511, 0.3867,
0.4629

 17.7629, 0.4126,
0.5833

 239.5310, 0.3830,
0.4546

 10.7799, 0.4006,
0.5994

 288.8771, 0.3796,
0.4472

 5.9190, 0.3806,
0.6194


344.5736, 0.3765,

 2.7959, 0.3491,


0.4406


0.6509


407.0050, 0.3736,
0.4347


 1.0261, 0.2407,
0.7593


 0.0000, 0.0000,
0.0000


 74.6041, 0.4036,
0.5082


 74.6041, 0.4036,
0.5082


 74.2171, 0.4051,
0.5145

 75.0954, 0.3996,
0.4976

 74.0355, 0.4051,
0.5165

 75.6965, 0.3929,
0.4825

 76.4239, 0.3838,
0.4634

 77.2888, 0.3727,
0.4412

■ 78.3011, 0.3601,
0.4168

■ 79.4700, 0.3466,
0.3913

■ 80.8036, 0.3327,
0.3656

■ 82.3096, 0.3190,
0.3404

■ 83.9952, 0.3057,
0.3163

Harmonies

Analogous

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



74.6041, 0.4799, 0.4473



74.6041, 0.4036, 0.5082



74.6041, 0.3100, 0.5162

Triad

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



74.6041, 0.4036, 0.5082



74.6041, 0.1446, 0.2307



74.6041, 0.3928, 0.2467

Complementary

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



74.6041, 0.4036, 0.5082



7.9913, 0.1634, 0.0766

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.



74.6041, 0.2864, 0.2024



74.6041, 0.4036, 0.5082



74.6041, 0.1584, 0.1890

Square

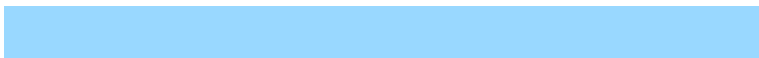
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6041, 0.4036, 0.5082



74.6041, 0.1643, 0.3171



74.6041, 0.2048, 0.1818



74.6041, 0.4838, 0.3073

Rectangle

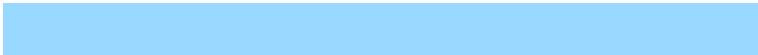
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6041, 0.4036, 0.5082



74.6041, 0.2490, 0.4711



74.6041, 0.2048, 0.1818



74.6041, 0.3565, 0.2296

Sweetspot

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



74.6075, 0.4036, 0.5082



95.5957, 0.3472, 0.3924



20.0104, 0.6013, 0.3371



20.3510, 0.3520, 0.4015



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.



74.6075, 0.4036, 0.5082



89.1050, 0.4051, 0.5166



63.6975, 0.3349, 0.5600



17.5620, 0.3256, 0.3524



41.2322, 0.4054, 0.5163



3.2560, 0.4074, 0.5147

Inverse Universe

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



7.9913, 0.1634, 0.0766



7.3735, 0.1519, 0.0610



13.6301, 0.2306, 0.1123



14.6066, 0.2992, 0.3047



3.4358, 0.1526, 0.0614



0.2899, 0.1593, 0.0651

Previews

White Background



This preview shows how the Yxy color 74.6041, 0.4036, 0.5082 looks on a white background.

Color Contrast Check

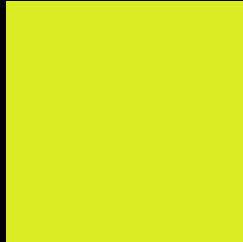
Large Text (above 18pt) WCAG AA × Fail

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 74.6041, 0.4036, 0.5082 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 74.6041, 0.4036, 0.5082

Background



This preview shows how black text looks on a background with the Yxy color 74.6041, 0.4036, 0.5082.



This preview shows how white text looks on a background with the Yxy color 74.6041, 0.4036, 0.5082.

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

74.6041, 0.4036, 0.5082

Protanopia

74.1166, 0.4373, 0.4832

Deuteranopia

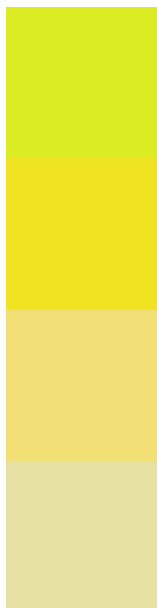
74.1194, 0.3782, 0.3835



Tritanopia

74.5520, 0.3135, 0.3114

Trichromacy



Original Color

74.6041, 0.4036, 0.5082

Protanomaly

74.1276, 0.4249, 0.4924

Deuteranomaly

73.4966, 0.3964, 0.4378

Tritanomaly

73.3178, 0.3581, 0.3967

Monochromacy



Original Color

74.6041, 0.4036, 0.5082

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

66.1842, 0.3582, 0.4135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6041, 0.4036, 0.5082 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, 235, 36)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 36)  
}
```

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, 235, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 36) }
```

Border

The CSS property to change the border of an element to Yxy 74.6041, 0.4036, 0.5082 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, 235, 36) }
```

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

```
.border{ border-color:rgb(219, 235, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 36);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
36) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6041, 0.4036, 0.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 36) }
```

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

```
.background{ background-color: rgb(219,  
235, 36) }
```

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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