

Converting Colors

Yxy(72.4164, 0.4054, 0.5106)

Have a look what the booklet for
Yxy(72.4164, 0.4054, 0.5106)
contains.

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Color

Yxy(72.5395, 0.4057, 0.5103)

Conversions

Conversions Part 1

Format	Color
Hex	D9E81A
RGB	217, 232, 26
RGB Percent	85%, 91%, 10%
CMY	0.1488, 0.0902, 0.8979
CMYK	0.06, 0.00, 0.89, 0.09
HSL	64°, 82%, 51%
HSV	64°, 89%, 91%
XYZ	57.6705, 72.5395, 11.9407
YIQ	204.0310, 57.1860, -67.2460

Conversions

Conversions Part 2

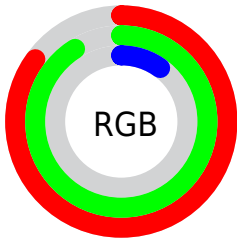
Format	Color
RYB	26, 232, 41
Decimal	14280730
CIELab	88.23, -25.96, 83.97
CIELCh	88, 87.894, 107.181
Yxy	72.5395, 0.4057, 0.5103
Android (android.graphics.Color)	4292470810 (0xFFD9E81A)
YUV	204.0310, -87.7693, 11.3738
Hunter-Lab	85.1701, -28.1815, 51.3068

Details

The Yxy color **72.5395, 0.4057, 0.5103** 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 **7.0372, 0.1589, 0.0706**, and the grayscale version is **60.9527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6618, 0.3994, 0.4723**, and **38.6124, 0.3997, 0.5209** is the 20% darker color. If you saturate the color by 10%, you get **72.2177, 0.4065, 0.5150**, and if you desaturate by 10%, it is **72.9511, 0.4026, 0.5016**.

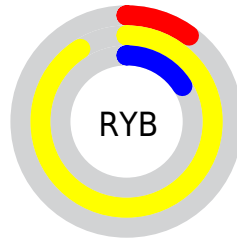
Distribution



Red (85%)

Green (91%)

Blue (10%)



Red (10%)

Yellow (91%)

Blue (16%)

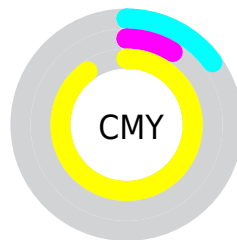


Cyan (6%)

Magenta (0%)

Yellow (89%)

Black (9%)



Cyan (15%)


Magenta (9%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5395, 0.4057, 0.5103 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 72.5395, 0.4057, 0.5103 by changing the saturation by 10% instead.


 72.5395, 0.4057,
0.5103


 72.5395, 0.4057,
0.5103


469.4172, 0.3723,
0.4305


 53.5995, 0.4098,
0.5257

 122.8232, 0.3968,
0.4846

 38.2816, 0.4129,
0.5427


 154.9358, 0.3925,
0.4740


 26.2013, 0.4139,
0.5613


 192.2080, 0.3885,
0.4645

 16.9743, 0.4143,
0.5857

 235.0242, 0.3847,
0.4562

 10.2162, 0.4003,
0.5997

 283.7688, 0.3812,
0.4487

 5.5425, 0.3799,
0.6201

 338.8263, 0.3780,

 2.5690, 0.3472,

0.4420

0.6528

400.5810, 0.3750,
0.4360

■ 0.9111, 0.2029,
0.7971

■ 0.0000, 0.0000,
0.0000

■ 72.5395, 0.4057,
0.5103

■ 72.5395, 0.4057,
0.5103

■ 72.2177, 0.4065,
0.5150

■ 72.9511, 0.4026,
0.5016

■ 72.1802, 0.4065,
0.5154

■ 73.4629, 0.3969,
0.4885

■ 74.0916, 0.3886,
0.4712

■ 74.8490, 0.3781,
0.4503

■ 75.7449, 0.3659,
0.4268

■ 76.7885, 0.3525,
0.4017

■ 77.9881, 0.3387,
0.3760

■ 79.3514, 0.3247,
0.3506

■ 80.8854, 0.3111,
0.3261

Harmonies

Analogous

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



72.5395, 0.4830, 0.4473



72.5395, 0.4057, 0.5103



72.5395, 0.3109, 0.5205

Triad

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



72.5395, 0.4057, 0.5103



72.5395, 0.1424, 0.2298



72.5395, 0.3926, 0.2446

Complementary

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



72.5395, 0.4057, 0.5103



7.0372, 0.1589, 0.0706

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.



72.5395, 0.2844, 0.2001



72.5395, 0.4057, 0.5103



72.5395, 0.1558, 0.1873

Square

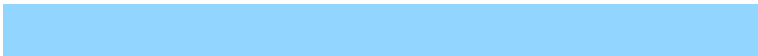
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5395, 0.4057, 0.5103



72.5395, 0.1625, 0.3182



72.5395, 0.2022, 0.1797



72.5395, 0.4859, 0.3057

Rectangle

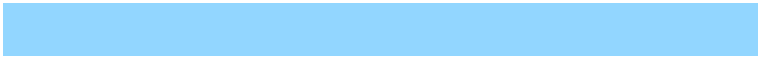
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5395, 0.4057, 0.5103



72.5395, 0.2489, 0.4756



72.5395, 0.2022, 0.1797



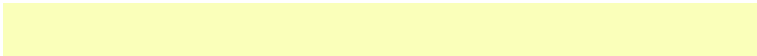
72.5395, 0.3555, 0.2275

Sweetspot

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



72.5429, 0.4057, 0.5103



95.3967, 0.3503, 0.3975



18.7312, 0.6138, 0.3361



20.3169, 0.3550, 0.4063



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.



72.5429, 0.4057, 0.5103



89.4395, 0.4064, 0.5155



61.4471, 0.3331, 0.5662



16.7612, 0.3256, 0.3523



40.0990, 0.4067, 0.5153



2.9792, 0.4087, 0.5137

Inverse Universe

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



7.0372, 0.1589, 0.0706



7.3534, 0.1517, 0.0609



12.3832, 0.2261, 0.1068



13.9368, 0.2991, 0.3048



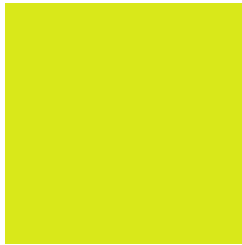
3.3196, 0.1524, 0.0613



0.2629, 0.1588, 0.0648

Previews

White Background



This preview shows how the Yxy color 72.5395, 0.4057, 0.5103 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 72.5395, 0.4057, 0.5103 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 72.5395, 0.4057, 0.5103

Background



This preview shows how black text looks on a background with the Yxy color 72.5395, 0.4057, 0.5103.



This preview shows how white text looks on a background with the Yxy color 72.5395, 0.4057, 0.5103.

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

72.5395, 0.4057, 0.5103

Protanopia

72.4402, 0.4383, 0.4859

Deuteranopia

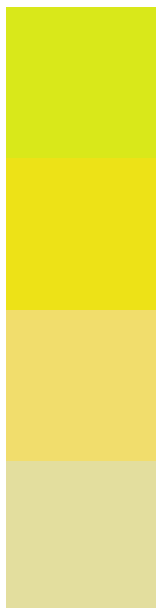
72.2274, 0.3865, 0.3907



Tritanopia

72.3186, 0.3136, 0.3112

Trichromacy



Original Color

72.5395, 0.4057, 0.5103

Protanomaly

72.4591, 0.4258, 0.4954

Deuteranomaly

71.4964, 0.4030, 0.4443

Tritanomaly

71.0421, 0.3600, 0.3998

Monochromacy



Original Color

72.5395, 0.4057, 0.5103

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

63.5125, 0.3611, 0.4170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5395, 0.4057, 0.5103 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(217, 232, 26)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 26)  
}
```

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(217, 232, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 26) }
```

Border

The CSS property to change the border of an element to Yxy 72.5395, 0.4057, 0.5103 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(217, 232, 26) }
```

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

```
.border{ border-color:rgb(217, 232, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 232, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 26);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5395, 0.4057, 0.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 26) }
```

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

```
.background{ background-color: rgb(217,  
232, 26) }
```

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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