

Converting Colors

Yxy(72.6142, 0.3978, 0.4463)

Have a look what the booklet for
Yxy(72.6142, 0.3978, 0.4463)
contains.

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Color

Yxy(72.6142, 0.3978, 0.4463)

Conversions

Conversions Part 1

Format	Color
Hex	EEE06E
RGB	238, 224, 110
RGB Percent	93%, 88%, 43%
CMY	0.0668, 0.1215, 0.5685
CMYK	0.00, 0.06, 0.54, 0.07
HSL	53°, 79%, 68%
HSV	53°, 54%, 93%
XYZ	64.7231, 72.6142, 25.3653
YIQ	215.1900, 44.9380, -32.4860

Conversions

Conversions Part 2

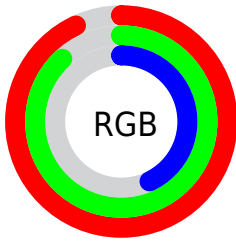
Format	Color
R _Y B	126, 238, 110
Decimal	15655022
CIE Lab	88.26, -9.52, 56.70
CIE LCh	88, 57.496, 99.532
Yxy	72.6142, 0.3978, 0.4463
Android (android.graphics.Color)	4293845102 (0xFFEEE06E)
YUV	215.1900, -51.8587, 20.0044
Hunter-Lab	85.2140, -13.5472, 42.0011

Details

The Yxy color **72.6142, 0.3978, 0.4463** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.8998, 0.2123, 0.1746**, and the grayscale version is **68.4273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4603, 0.3666, 0.4181**, and **38.3746, 0.4135, 0.4701** is the 20% darker color. If you saturate the color by 10%, you get **70.7824, 0.4114, 0.4630**, and if you desaturate by 10%, it is **74.6133, 0.3826, 0.4266**.

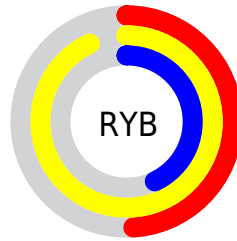
Distribution



Red (93%)

Green (88%)

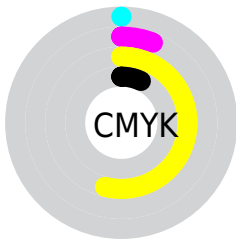
Blue (43%)



Red (49%)

Yellow (93%)

Blue (43%)

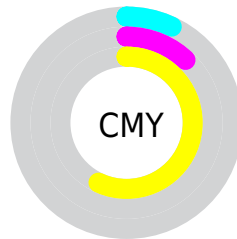


Cyan (0%)

Magenta (6%)

Yellow (54%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6142, 0.3978, 0.4463 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 72.6142, 0.3978, 0.4463 by changing the saturation by 10% instead.

 72.6142, 0.3978,
0.4463

 72.6142, 0.3978,
0.4463


469.6766, 0.3612,
0.3933


 53.6606, 0.4050,
0.4575

 122.9294, 0.3860,
0.4285


 38.3304, 0.4131,
0.4707


 155.0597, 0.3811,
0.4214

 26.2392, 0.4222,
0.4863


 192.3510, 0.3768,
0.4152

 17.0027, 0.4317,
0.5044

 235.1877, 0.3730,
0.4097

 10.2364, 0.4411,
0.5257

283.9543, 0.3695,
0.4049

 5.5560, 0.4491,
0.5509

339.0350, 0.3665,

 2.5770, 0.4376,

0.4006

0.5624

400.8143, 0.3637,
0.3968

■ 0.9151, 0.4104,
0.5896

■ 0.0000, 0.0000,
0.0000

■ 72.6142, 0.3978,
0.4463

■ 72.6142, 0.3978,
0.4463

■ 70.7824, 0.4114,
0.4630

■ 74.6133, 0.3826,
0.4266

■ 69.0961, 0.4229,
0.4758


■ 76.7797, 0.3664,
0.4050

■ 67.5455, 0.4316,
0.4841

■ 79.1260, 0.3500,
0.3823

■ 66.1143, 0.4376,
0.4880


■ 81.6610, 0.3338,
0.3595


 65.2665, 0.4402,
0.4887

 84.3924, 0.3183,
0.3372

 87.3279, 0.3037,
0.3158

 89.0032, 0.3024,
0.3163

 90.5605, 0.3024,
0.3189

 92.1398, 0.3024,
0.3215

Harmonies

Analogous

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



72.6142, 0.4410, 0.4069



72.6142, 0.3978, 0.4463



72.6142, 0.3345, 0.4541

Triad

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



72.6142, 0.3978, 0.4463



72.6142, 0.1936, 0.2782



72.6142, 0.3484, 0.2610

Complementary

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



72.6142, 0.3978, 0.4463



23.8998, 0.2123, 0.1746

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.



72.6142, 0.2788, 0.2319



72.6142, 0.3978, 0.4463



72.6142, 0.1964, 0.2370

Square

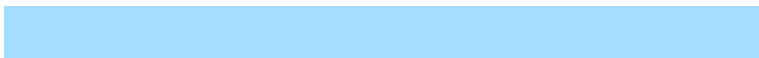
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6142, 0.3978, 0.4463



72.6142, 0.2183, 0.3442



72.6142, 0.2254, 0.2227



72.6142, 0.4136, 0.3047

Rectangle

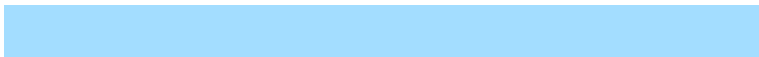
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6142, 0.3978, 0.4463



72.6142, 0.2898, 0.4329



72.6142, 0.2254, 0.2227



72.6142, 0.3244, 0.2494

Sweetspot

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



72.6176, 0.3978, 0.4463



94.8393, 0.3375, 0.3647



30.8102, 0.4529, 0.3133



20.1667, 0.3408, 0.3694



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.



72.6176, 0.3978, 0.4463



82.5105, 0.4133, 0.4651



73.0655, 0.3543, 0.4763



18.1473, 0.3271, 0.3498



36.5413, 0.4399, 0.4890



3.1233, 0.4368, 0.4914

Inverse Universe

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



23.8998, 0.2123, 0.1746



19.9395, 0.1903, 0.1381



24.7089, 0.2456, 0.1718



15.5061, 0.2980, 0.3073



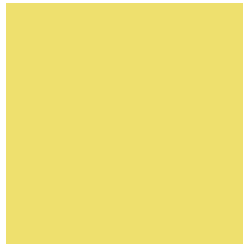
3.9450, 0.1522, 0.0678



0.4193, 0.1567, 0.0839

Previews

White Background



This preview shows how the Yxy color 72.6142, 0.3978, 0.4463 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 72.6142, 0.3978, 0.4463 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 72.6142, 0.3978, 0.4463

Background



This preview shows how black text looks on a background with the Yxy color 72.6142, 0.3978, 0.4463.



This preview shows how white text looks on a background with the Yxy color 72.6142, 0.3978, 0.4463.

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

72.6142, 0.3978, 0.4463

Protanopia

72.7592, 0.4050, 0.4428

Deuteranopia

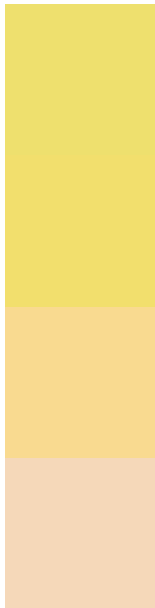
72.5052, 0.3807, 0.3826



Tritanopia

72.3297, 0.3291, 0.3117

Trichromacy



Original Color

72.6142, 0.3978, 0.4463

Protanomaly

72.7567, 0.4021, 0.4448

Deuteranomaly

72.2962, 0.3883, 0.4058

Tritanomaly

72.0270, 0.3565, 0.3618

Monochromacy



Original Color

72.6142, 0.3978, 0.4463

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.0051, 0.3447, 0.3750

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6142, 0.3978, 0.4463 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(238, 224, 110)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 110)  
}
```

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(238, 224, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 110) }
```

Border

The CSS property to change the border of an element to Yxy 72.6142, 0.3978, 0.4463 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(238, 224, 110) }
```

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

```
.border{ border-color:rgb(238, 224, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 224, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 110);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6142, 0.3978, 0.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 110) }
```

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

```
.background{ background-color: rgb(238,  
224, 110) }
```

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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