

Converting Colors

$Yxy(72.0227, 0.3921, 0.5126)$

Have a look what the booklet for
Yxy(72.0227, 0.3921, 0.5126)
contains.

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Color

Yxy(72.0066, 0.3920, 0.5127)

Conversions

Conversions Part 1

Format	Color
Hex	CDEA2C
RGB	205, 234, 44
RGB Percent	80%, 92%, 17%
CMY	0.1961, 0.0823, 0.8272
CMYK	0.12, 0.00, 0.81, 0.08
HSL	69°, 82%, 55%
HSV	69°, 81%, 92%
XYZ	55.0548, 72.0066, 13.3845
YIQ	203.6690, 43.7060, -65.2380

Conversions

Conversions Part 2

Format	Color
R_YB	44, 234, 73
Decimal	13494828
CIE _{Lab}	87.97, -31.36, 79.82
CIE _{LCh}	88, 85.757, 111.449
Yxy	72.0066, 0.3920, 0.5127
Android (android.graphics.Color)	4291684908 (0xFFCDEA2C)
YUV	203.6690, -78.7168, 1.1673
Hunter-Lab	84.8567, -32.6889, 50.0478

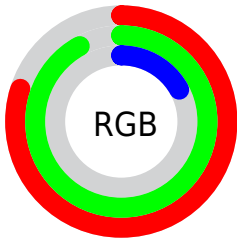
Details

The Yxy color **72.0066, 0.3920, 0.5127** is a light color, and the websafe version is hex **CCFF33**.

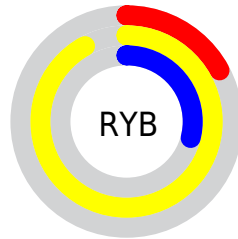
The color can be described as light washed yellow. A complement of this color would be **9.1654, 0.1741, 0.0862**, and the grayscale version is **60.6549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8627, 0.3952, 0.4654**, and **37.9518, 0.3880, 0.5301** is the 20% darker color. If you saturate the color by 10%, you get **71.3781, 0.3930, 0.5219**, and if you desaturate by 10%, it is **72.7524, 0.3883, 0.4989**.

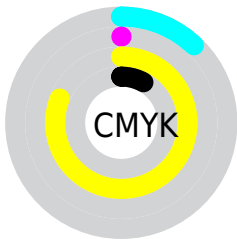
Distribution



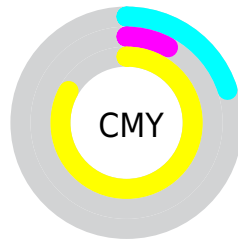
- Red (80%)
- Green (92%)
- Blue (17%)



- Red (17%)
- Yellow (92%)
- Blue (29%)



- Cyan (12%)
- Magenta (0%)
- Yellow (81%)
- Black (8%)




- Cyan (20%)
- Magenta (8%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0066, 0.3920, 0.5127 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 72.0066, 0.3920, 0.5127 by changing the saturation by 10% instead.


 72.0066, 0.3920,
0.5127


 72.0066, 0.3920,
0.5127


467.5646, 0.3640,
0.4296


 53.1641, 0.3952,
0.5295

 122.0659, 0.3847,
0.4853

 37.9338, 0.3974,
0.5487


 154.0515, 0.3812,
0.4741


 25.9313, 0.3973,
0.5702


 191.1869, 0.3778,
0.4643

 16.7722, 0.3953,
0.5975

 233.8564, 0.3746,
0.4557

 10.0722, 0.3810,
0.6190

 282.4446, 0.3716,
0.4480

 5.4469, 0.3559,
0.6441


337.3357, 0.3689,


 2.5118, 0.3157,

0.4412

0.6843


398.9143, 0.3664,
0.4351


 0.8825, 0.0767,
0.9233


 0.0000, 0.0000,
0.0000


 72.0066, 0.3920,
0.5127


 72.0066, 0.3920,
0.5127


 71.3781, 0.3930,
0.5219

 72.7524, 0.3883,
0.4989

 70.8913, 0.3922,
0.5268


 73.6202, 0.3821,
0.4808


 74.6256, 0.3735,
0.4591


 75.7793, 0.3632,
0.4348

 77.0907, 0.3515,
0.4090

 78.5686, 0.3392,
0.3827

 80.2210, 0.3266,
0.3568

 82.0555, 0.3141,
0.3318

 84.0790, 0.3022,
0.3083

Harmonies

Analogous

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



72.0066, 0.4714, 0.4559



72.0066, 0.3920, 0.5127



72.0066, 0.2980, 0.5100

Triad

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



72.0066, 0.3920, 0.5127



72.0066, 0.1451, 0.2235



72.0066, 0.4061, 0.2540

Complementary

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



72.0066, 0.3920, 0.5127



9.1654, 0.1741, 0.0862

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.



72.0066, 0.2993, 0.2072



72.0066, 0.3920, 0.5127



72.0066, 0.1629, 0.1868

Square

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



72.0066, 0.3920, 0.5127



72.0066, 0.1602, 0.3036



72.0066, 0.2136, 0.1834



72.0066, 0.4909, 0.3159

Rectangle

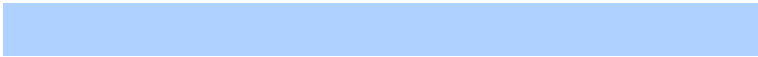
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.0066, 0.3920, 0.5127



72.0066, 0.2386, 0.4577



72.0066, 0.2136, 0.1834



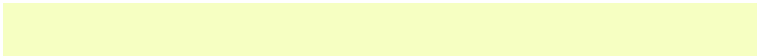
72.0066, 0.3703, 0.2363

Sweetspot

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



72.0099, 0.3920, 0.5127



94.9364, 0.3428, 0.3904



22.3817, 0.5750, 0.3503



20.1823, 0.3473, 0.3999



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.



72.0099, 0.3920, 0.5127



86.3233, 0.3925, 0.5254



62.3806, 0.3269, 0.5606



17.5037, 0.3244, 0.3524



39.8796, 0.3927, 0.5264



3.1630, 0.3966, 0.5233

Inverse Universe

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



9.1654, 0.1741, 0.0862



7.9536, 0.1572, 0.0650



16.0190, 0.2502, 0.1261



14.6593, 0.3003, 0.3048



3.5802, 0.1564, 0.0635



0.3149, 0.1673, 0.0695

Previews

White Background



This preview shows how the Yxy color 72.0066, 0.3920, 0.5127 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 72.0066, 0.3920, 0.5127 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 72.0066, 0.3920, 0.5127

Background



This preview shows how black text looks on a background with the Yxy color 72.0066, 0.3920, 0.5127.



This preview shows how white text looks on a background with the Yxy color 72.0066, 0.3920, 0.5127.

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

72.0066, 0.3920, 0.5127

Protanopia

71.8226, 0.4353, 0.4813

Deuteranopia

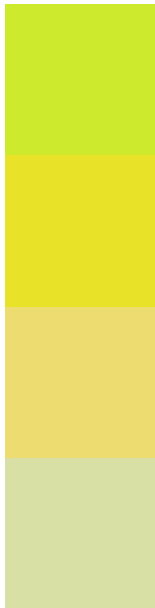
71.6201, 0.3891, 0.3927



Tritanopia

71.6706, 0.3044, 0.3108

Trichromacy



Original Color

72.0066, 0.3920, 0.5127

Protanomaly

71.7086, 0.4189, 0.4935

Deuteranomaly

70.9097, 0.3970, 0.4415

Tritanomaly

70.6634, 0.3456, 0.3948

Monochromacy



Original Color

72.0066, 0.3920, 0.5127

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

63.5136, 0.3521, 0.4111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0066, 0.3920, 0.5127 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(205, 234, 44)` looks like.

```
.text, #text, p{  
    color:rgb(205, 234, 44)  
}
```

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(205, 234, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 234, 44) }
```

Border

The CSS property to change the border of an element to Yxy 72.0066, 0.3920, 0.5127 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(205, 234, 44) }
```

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

```
.border{ border-color:rgb(205, 234, 44) }
```

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

Here you see how a box with a 4 pixel rgb(205, 234, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 234, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 234, 44);  
box-shadow:4px 4px 4px 4px rgb(205, 234,  
44) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.0066, 0.3920, 0.5127$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 234, 44) }
```

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

```
.background{ background-color: rgb(205,  
234, 44) }
```

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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