

Converting Colors

YUV(220.3760, -40.6114,
5.8092)

Have a look what the booklet for
YUV(220.3760, -40.6114, 5.8092)
contains.

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Color

**YUV(220.3760, -40.6114,
5.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E98A
RGB	227, 233, 138
RGB Percent	89%, 91%, 54%
CMY	0.1098, 0.0863, 0.4588
CMYK	0.03, 0.00, 0.41, 0.09
HSL	64°, 68%, 73%
HSV	64°, 41%, 91%
XYZ	65.4049, 76.4437, 35.3527
YIQ	220.3760, 26.9190, -30.8170

Conversions

Conversions Part 2

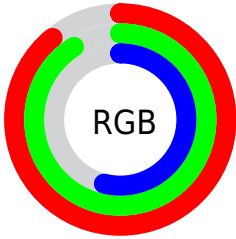
Format	Color
R _Y B	138, 233, 144
Decimal	14936458
CIE Lab	90.06, -15.75, 45.41
CIE LCh	90, 48.061, 109.127
Yxy	76.4437, 0.3691, 0.4314
Android (android.graphics.Color)	4293126538 (0xFFE3E98A)
YUV	220.3760, -40.6114, 5.8092
Hunter-Lab	87.4321, -19.4765, 37.2289

Details

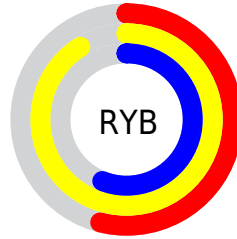
The YUV color **220.3760, -40.6114, 5.8092** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **150.6240, 40.6114, -5.8092**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.9320, -27.0815, 6.1986**, and **164.5330, -38.7168, 4.7946** is the 20% darker color. If you saturate the color by 10%, you get **217.4550, -50.5103, 7.4940**, and if you desaturate by 10%, it is **223.2970, -30.7124, 4.1245**.

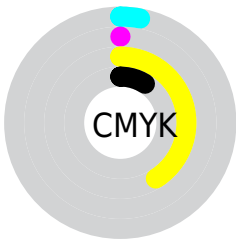
Distribution



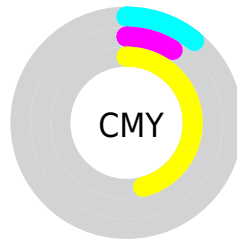
- Red (89%)
- Green (91%)
- Blue (54%)



- Red (54%)
- Yellow (91%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.3760, -40.6114, 5.8092 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 YUV color 220.3760, -40.6114, 5.8092 by changing the saturation by 10% instead.

■ 220.3760,
-40.6114, 5.8092

■ 220.3760,
-40.6114, 5.8092

■ 255.0000, 0.0000,
0.0000

■ 192.3050,
-39.5904, 4.9945

■ 247.9320,
-27.0815, 6.1986

■ 164.5330,
-38.7168, 4.7946

■ 251.1240,
-14.8511, 3.3993

■ 138.3480,
-38.1326, 4.0798

■ 254.4300, -2.1840,
0.4999

■ 112.0490,
-37.9852, 3.4650

■ 86.0660, -40.4585,
3.4501

■ 63.7480, -31.4278,
0.2210

■ 43.6580, -21.5234,

-3.2081

■ 22.9700, -11.3242,
-7.8667

■ 0.0000, 0.0000,
0.0000

■ 220.3760,
-40.6114, 5.8092

■ 220.3760,
-40.6114, 5.8092

■ 217.4550,
-50.5103, 7.4940

■ 223.2970,
-30.7124, 4.1245

■ 214.1210,
-60.6987, 8.6639

■ 226.6310,
-20.5241, 2.9546

■ 211.2000,
-70.5976, 10.3486

■ 229.5520,
-10.6251, 1.2699

■ 207.9800,
-80.3491, 11.4185

■ 232.7720, -0.8736,
0.2000

■ 204.9450,
-90.6849, 13.2032

■ 235.6930, 9.0254,
-1.4848

■ 201.9530,
-99.5628, 14.0732

■ 236.4050, 9.1673,
-0.3552

■ 236.7040, 9.0199,
0.2596

■ 237.3020, 8.7251,
1.4891

■ 237.6010, 8.5777,
2.1039

Harmonies

Analogous

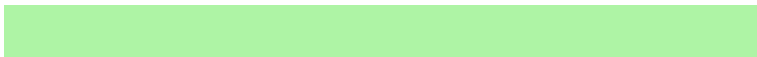
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.7150, -41.2715, 30.9449



220.3760, -40.6114, 5.8092



214.0640, -24.1886, -35.1361

Triad

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



220.3760, -40.6114, 5.8092



181.8440, 36.0659, -134.9212



216.8790, 13.8637, 33.4321

Complementary

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



220.3760, -40.6114, 5.8092



150.6240, 40.6114, -5.8092

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.



225.0630, 14.7589, 26.2547



220.3760, -40.6114, 5.8092



205.8740, 24.2191, -68.2955

Square

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



220.3760, -40.6114, 5.8092



185.6760, 34.1767, -135.6509



220.6900, 16.9148, -12.0061



211.6350, -6.2291, 38.0311

Rectangle

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



220.3760, -40.6114, 5.8092



208.4160, -8.0931, -64.3858



220.6900, 16.9148, -12.0061



219.7800, 17.3635, 30.8879

Sweetspot

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



220.3760, -40.6114, 5.8092



250.8680, -13.2459, 1.8698



169.3400, -15.4506, 55.8298



125.3500, -7.5676, 0.5700



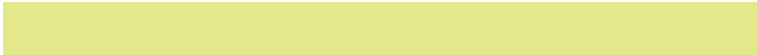
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.3760, -40.6114, 5.8092



238.3580, -53.4205, 7.5790



206.6220, -33.8306, -22.4705



115.7460, -4.8048, 1.0998



157.0770, -77.4390, 11.3335



46.6480, -22.9975, 2.9397

Inverse Universe

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



150.6240, 40.6114, -5.8092



146.6420, 53.4205, -7.5790



164.3780, 33.8306, 22.4705



107.2540, 4.8048, -1.0998



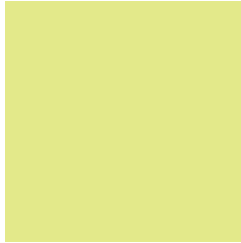
23.9230, 77.4390, -11.3335



7.0530, 23.1449, -3.5545

Previews

White Background



This preview shows how the YUV color 220.3760, -40.6114, 5.8092 looks on a white background.

Color Contrast Check

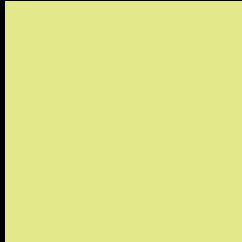
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 220.3760, -40.6114, 5.8092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

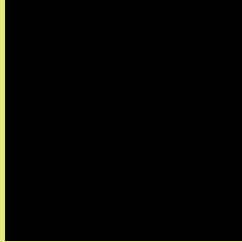
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.3760, -40.6114, 5.8092

Background



This preview shows how black text looks on a background with the YUV color 220.3760, -40.6114, 5.8092.



This preview shows how white text looks on a background with the YUV color 220.3760, -40.6114,

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**

220.3760, -40.6114, 5.8092

Protanopia

222.3180, -42.5548, 22.5231

Deuteranopia

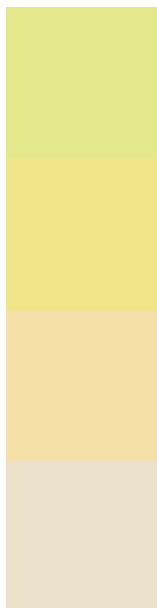
226.8340, -21.6102, 24.7016



Tritanopia

228.3200, 4.7722, 9.3664

Trichromacy



Original Color

220.3760, -40.6114, 5.8092

Protanomaly

221.8010, -41.8069, 15.9605

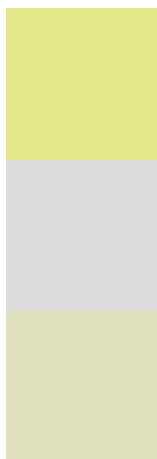
Deuteranomaly

224.3680, -28.2824, 18.0943

Tritanomaly

225.3680, -11.5204, 8.4473

Monochromacy



Original Color

220.3760, -40.6114, 5.8092

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.4120, -14.9931, 2.2697

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.3760, -40.6114, 5.8092 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(227, 233, 138)` looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 138)  
}
```

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(227, 233, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 138) }
```

Border

The CSS property to change the border of an element to YUV 220.3760, -40.6114, 5.8092 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(227, 233, 138) }
```


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

```
.border{ border-color:rgb(227, 233, 138) }
```

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

Here you see how a box with a 4 pixel rgb(227, 233, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 233, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 233, 138);  
box-shadow:4px 4px 4px 4px rgb(227, 233,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 220.3760, -40.6114, 5.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 233, 138) }
```

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

```
.background{ background-color: rgb(227,  
233, 138) }
```

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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