

Converting Colors

YUV(223.6440, -47.1525,
3.8202)

Have a look what the booklet for
YUV(223.6440, -47.1525, 3.8202)
contains.

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Color

**YUV(223.6440, -47.1525,
3.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F080
RGB	228, 240, 128
RGB Percent	89%, 94%, 50%
CMY	0.1059, 0.0588, 0.4980
CMYK	0.05, 0.00, 0.47, 0.06
HSL	66°, 79%, 72%
HSV	66°, 47%, 94%
XYZ	67.0513, 80.3727, 32.4016
YIQ	223.6440, 28.8000, -37.3760

Conversions

Conversions Part 2

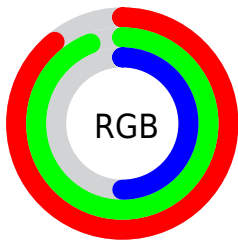
Format	Color
R _Y B	128, 240, 140
Decimal	15003776
CIE Lab	91.85, -19.78, 52.43
CIE LCh	92, 56.032, 110.668
Yxy	80.3727, 0.3729, 0.4469
Android (android.graphics.Color)	4293193856 (0xFFE4F080)
YUV	223.6440, -47.1525, 3.8202
Hunter-Lab	89.6508, -23.3859, 41.3270

Details

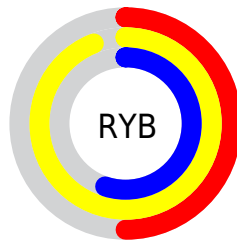
The YUV color $223.6440, -47.1525, 3.8202$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $144.3560, 47.1525, -3.8202$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7920, -31.4495, 7.1984$, and $167.6870, -45.6947, 2.9055$ is the 20% darker color. If you saturate the color by 10%, you get $220.0110, -57.1934, 4.3754$, and if you desaturate by 10%, it is $227.2770, -37.1116, 3.2651$.

Distribution



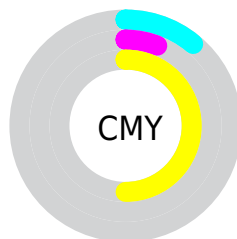
- Red (89%)
- Green (94%)
- Blue (50%)



- Red (50%)
- Yellow (94%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (6%)



- Cyan (11%)
- Magenta (6%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.6440, -47.1525, 3.8202 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 223.6440, -47.1525, 3.8202 by changing the saturation by 10% instead.

■ 223.6440,
-47.1525, 3.8202

■ 223.6440,
-47.1525, 3.8202

■ 255.0000, 0.0000,
0.0000

■ 195.4590,
-46.5683, 3.1055

■ 246.7920,
-31.4495, 7.1984

■ 167.6870,
-45.6947, 2.9055

■ 249.9840,
-19.2191, 4.3990

■ 140.5020,
-45.1105, 2.1907

■ 253.2900, -6.5520,
1.4997

■ 113.7470,
-46.7103, 1.9759

■ 88.8330, -43.7947,
0.1465

■ 67.2700, -33.1641,
-2.8678

■ 45.9950, -22.6755,

-7.0116

■ 25.0080, -12.3289,
-12.2850

■ 7.0440, -3.4727,
-6.1776

■ 223.6440,
-47.1525, 3.8202

■ 223.6440,
-47.1525, 3.8202

■ 220.0110,
-57.1934, 4.3754

■ 227.2770,
-37.1116, 3.2651

■ 216.6770,
-67.3818, 5.5453

■ 230.6110,
-26.9232, 2.0952

■ 213.0440,
-77.4227, 6.1004

■ 234.2440,
-16.8823, 1.5400

■ 209.7100,
-87.6110, 7.2703

■ 237.5780, -6.6940,
0.3701

■ 206.0770,
-97.6520, 7.8255

■ 241.2110, 3.3470,
-0.1850

■ 204.8660,
-100.9989, 8.0105

■ 242.6070, 6.1097,
0.3447

■ 243.5040, 5.6675,
2.1890

■ 244.4010, 5.2253,
4.0333

■ 244.9990, 4.9305,
5.2629

Harmonies

Analogous

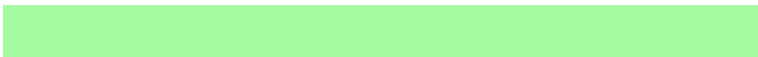
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221.2820, -47.9600, 29.5707



223.6440, -47.1525, 3.8202



215.9120, -27.0716, -43.7728

Triad

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



223.6440, -47.1525, 3.8202



178.1680, 37.8782, -156.2533



216.3890, 17.0632, 33.8618

Complementary

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



223.6440, -47.1525, 3.8202



144.3560, 47.1525, -3.8202

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



223.6440, -47.1525, 3.8202



202.8180, 25.7257, -84.9094

Square

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



223.6440, -47.1525, 3.8202



178.7550, 37.5888, -156.7681



223.6470, 15.4570, -11.0914



210.1190, -6.9607, 39.3606

Rectangle

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



223.6440, -47.1525, 3.8202



205.8870, -5.8603, -80.5849



223.6470, 15.4570, -11.0914



218.6060, 17.9422, 31.9175

Sweetspot

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



223.6440, -47.1525, 3.8202



249.7000, -15.1351, 1.1401



167.9450, -19.6929, 63.1922



124.5950, -9.1673, 0.3552



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.



223.6440, -47.1525, 3.8202



234.2130, -60.2510, 5.0752



207.1990, -39.0451, -29.9925



118.3330, -5.0942, 0.5850



157.0440, -77.4227, 6.1004



47.8220, -23.5762, 1.9101

Inverse Universe

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



144.3560, 47.1525, -3.8202



133.0860, 60.1036, -4.4604



160.8010, 39.0451, 29.9925



109.6670, 5.0942, -0.5850



26.9560, 77.4227, -6.1004



8.1780, 23.5762, -1.9101

Previews

White Background



This preview shows how the YUV color 223.6440, -47.1525, 3.8202 looks on a white background.

Color Contrast Check

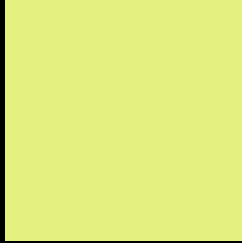
Large Text (above 18pt) WCAG AA × Fail

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 223.6440, -47.1525, 3.8202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

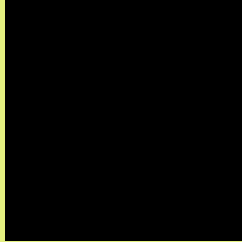
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 223.6440, -47.1525, 3.8202

Background



This preview shows how black text looks on a background with the YUV color 223.6440, -47.1525, 3.8202.



This preview shows how white text looks on a background with the YUV color 223.6440, -47.1525, 3.8202.

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

223.6440, -47.1525, 3.8202

Protanopia

226.6790, -50.1277, 24.8375

Deuteranopia

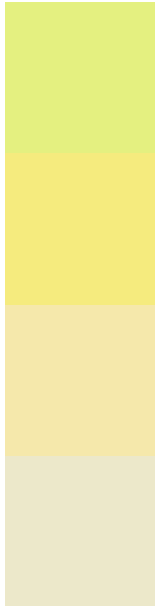
231.7240, -18.1049, 20.4131



Tritanopia

233.2380, 5.7987, 6.8073

Trichromacy



Original Color

223.6440, -47.1525, 3.8202

Protanomaly

225.5640, -49.0851, 17.0454

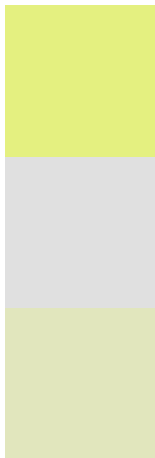
Deuteranomaly

228.9330, -28.5610, 14.0908

Tritanomaly

229.7760, -13.6936, 5.4584

Monochromacy



Original Color

223.6440, -47.1525, 3.8202

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.8310, -17.1717, 1.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.6440, -47.1525, 3.8202 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(228, 240, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 240, 128)  
}
```

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(228, 240, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 240, 128) }
```

Border

The CSS property to change the border of an element to YUV 223.6440, -47.1525, 3.8202 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(228, 240, 128) }
```


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

```
.border{ border-color:rgb(228, 240, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 240, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 240, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 240, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 240,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 223.6440, -47.1525, 3.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 240, 128) }
```

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

```
.background{ background-color: rgb(228,  
240, 128) }
```

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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