

Converting Colors

YUV(224.7190, -81.2065,
6.3854)

Have a look what the booklet for
YUV(224.7190, -81.2065, 6.3854)
contains.

YUV(224.7190, -81.2065, 6.3854)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(224.7190, -81.2065,
6.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FD3C
RGB	232, 253, 60
RGB Percent	91%, 99%, 24%
CMY	0.0902, 0.0078, 0.7647
CMYK	0.08, 0.00, 0.76, 0.01
HSL	67°, 98%, 61%
HSV	67°, 76%, 99%
XYZ	69.2196, 87.7326, 17.5608
YIQ	224.7190, 49.4370, -64.4750

Conversions

Conversions Part 2

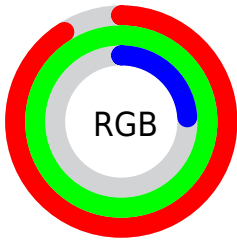
Format	Color
RYB	60, 253, 81
Decimal	15269180
CIELab	95.05, -28.81, 82.60
CIELCh	95, 87.476, 109.227
Yxy	87.7326, 0.3966, 0.5027
Android (android.graphics.Color)	4293459260 (0xFFE8FD3C)
YUV	224.7190, -81.2065, 6.3854
Hunter-Lab	93.6657, -32.0022, 54.4501

Details

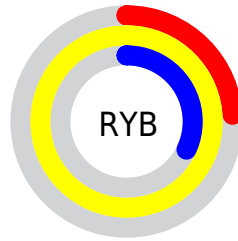
The YUV color **224.7190, -81.2065, 6.3854** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **88.2810, 81.2065, -6.3854**, and the grayscale version is **225.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8380, -58.0941, 13.2971**, and **166.4800, -82.0746, 4.8410** is the 20% darker color. If you saturate the color by 10%, you get **220.9720, -91.6842, 7.0406**, and if you desaturate by 10%, it is **228.4660, -70.7287, 5.7303**.

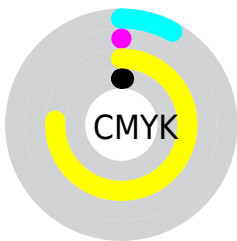
Distribution



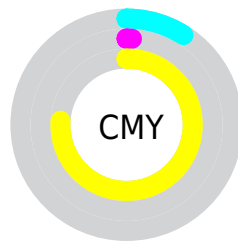
- Red (91%)
- Green (99%)
- Blue (24%)



- Red (24%)
- Yellow (99%)
- Blue (32%)



- Cyan (8%)
- Magenta (0%)
- Yellow (76%)
- Black (1%)



- Cyan (9%)
- Magenta (1%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.7190, -81.2065, 6.3854 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 224.7190, -81.2065, 6.3854 by changing the saturation by 10% instead.

224.7190,
-81.2065, 6.3854

224.7190,
-81.2065, 6.3854

255.0000, 0.0000,
0.0000

193.4820,
-88.4846, 7.4703

239.8380,
-58.0941, 13.2971

166.4800,
-82.0746, 4.8410

243.1440,
-45.4270, 10.3977

141.9600,
-69.9863, 0.9121

246.5640,
-32.3231, 7.3984

118.0270,
-58.1873, -3.5317

249.8700,
-19.6559, 4.4990

94.3930, -46.5357,
-7.3607

253.2900, -6.5520,
1.4997

71.6340, -35.3156,
-12.8340

49.1740, -24.2428,

-17.6926

■ 27.0020, -13.3120,
-23.6808

■ 15.2620, -7.5242,
-13.3848

■ 224.7190,
-81.2065, 6.3854

■ 224.7190,
-81.2065, 6.3854

■ 220.9720,
-91.6842, 7.0406

■ 228.4660,
-70.7287, 5.7303

■ 217.1110,
-102.5987, 7.7957

■ 232.3270,
-59.8142, 4.9752

■ 215.7860,
-106.3825, 8.0807

■ 235.7750,
-49.1891, 3.7053

■ 239.5220,
-38.7113, 3.0502

■ 243.3830,
-27.7968, 2.2951

■ 247.1300,
-17.3191, 1.6400

■ 250.5780, -6.6940,
0.3701

253.5270, 0.7262,
0.4148

253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



215.4050, -78.0937, 34.7248



224.7190, -81.2065, 6.3854



201.9790, -38.9366, -64.8796

Triad

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



224.7190, -81.2065, 6.3854



178.7550, 37.5888, -156.7681



201.5830, 26.3346, 46.8467

Complementary

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



224.7190, -81.2065, 6.3854



88.2810, 81.2065, -6.3854

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.



219.1930, 17.6529, 31.4027



224.7190, -81.2065, 6.3854



178.7550, 37.5888, -156.7681

Square

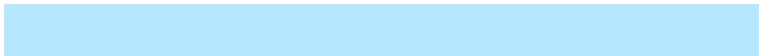
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7190, -81.2065, 6.3854



178.7550, 37.5888, -156.7681



219.3840, 17.5587, -31.9088



193.5860, -1.7679, 53.8601

Rectangle

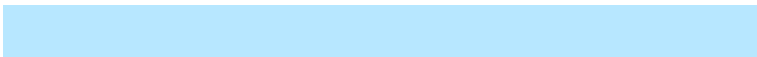
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.7190, -81.2065, 6.3854



169.8630, 3.5185, -148.9699



219.3840, 17.5587, -31.9088



206.2790, 24.0195, 42.7283

Sweetspot

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



224.7190, -81.2065, 6.3854



246.4800, -24.8866, 2.2100



128.8600, -33.9480, 108.8708



122.7000, -15.1351, 1.1401



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.



224.7190, -81.2065, 6.3854



220.4360, -98.8149, 7.5106



196.3140, -67.2028, -52.0184



125.9200, -5.3836, 0.0702



162.9470, -80.3329, 6.1855



54.6110, -26.9232, 2.0952

Inverse Universe

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



88.2810, 81.2065, -6.3854



54.5640, 98.8149, -7.5106



116.6860, 67.2028, 52.0184



116.7810, 5.5310, -0.6849



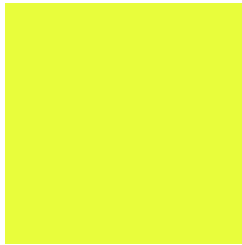
28.0530, 80.3329, -6.1855



9.3890, 26.9232, -2.0952

Previews

White Background



This preview shows how the YUV color 224.7190, -81.2065, 6.3854 looks on a white background.

Color Contrast Check

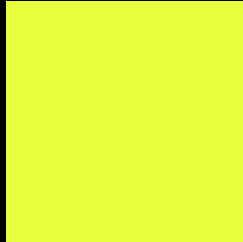
Large Text (above 18pt) WCAG AA × Fail

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 224.7190, -81.2065, 6.3854 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 224.7190, -81.2065, 6.3854

Background



This preview shows how black text looks on a background with the YUV color 224.7190, -81.2065, 6.3854.



This preview shows how white text looks on a background with the YUV color 224.7190, -81.2065, 6.3854.

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

224.7190, -81.2065, 6.3854

Protanopia

238.4600, -27.8348, 14.5056

Deuteranopia

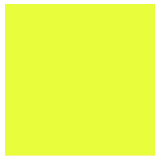
240.6890, -11.6787, 12.5507



Tritanopia

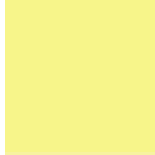
242.2380, 5.7987, 6.8073

Trichromacy



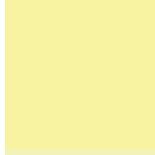
Original Color

224.7190, -81.2065, 6.3854



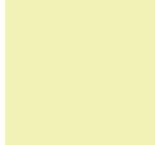
Protanomaly

233.4000, -47.0322, 11.9272



Deuteranomaly

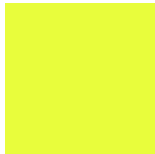
234.7340, -36.8439, 10.7573



Tritanomaly

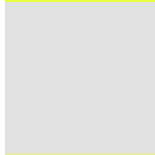
235.5730, -25.9185, 6.5135

Monochromacy



Original Color

224.7190, -81.2065, 6.3854



Achromatopsia

225.0000, 0.0000, 0.0000



Achromatomaly

224.9270, -29.5440, 2.6950

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.7190, -81.2065, 6.3854 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(232, 253, 60)` looks like.

```
.text, #text, p{  
    color:rgb(232, 253, 60)  
}
```

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(232, 253, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 253, 60) }
```

Border

The CSS property to change the border of an element to YUV 224.7190, -81.2065, 6.3854 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(232, 253, 60) }
```


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

```
.border{ border-color:rgb(232, 253, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 253, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 253, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 253, 60);  
box-shadow:4px 4px 4px 4px rgb(232, 253,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 224.7190, -81.2065, 6.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 253, 60) }
```

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

```
.background{ background-color: rgb(232,  
253, 60) }
```

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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