

Converting Colors

YUV(221.8380, -58.0941,
13.2971)

Have a look what the booklet for
YUV(221.8380, -58.0941, 13.2971)
contains.

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Color

**YUV(221.8380, -58.0941,
13.2971)**

Conversions

Conversions Part 1

Format	Color
Hex	EDED68
RGB	237, 237, 104
RGB Percent	93%, 93%, 41%
CMY	0.0706, 0.0706, 0.5922
CMYK	0.00, 0.00, 0.56, 0.07
HSL	60°, 79%, 67%
HSV	60°, 56%, 93%
XYZ	67.7079, 79.5724, 24.8871
YIQ	221.8380, 42.6930, -41.3630

Conversions

Conversions Part 2

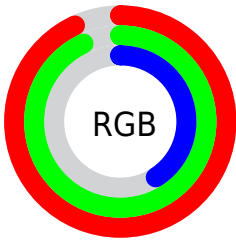
Format	Color
RYB	104, 237, 104
Decimal	15592808
CIELab	91.49, -16.78, 63.05
CIELCh	91, 65.243, 104.904
Yxy	79.5724, 0.3933, 0.4622
Android (android.graphics.Color)	4293782888 (0xFFEDED68)
YUV	221.8380, -58.0941, 13.2971
Hunter-Lab	89.2033, -20.6192, 45.9008

Details

The YUV color **221.8380, -58.0941, 13.2971** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **119.1620, 58.0941, -13.2971**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0560, -41.9326, 9.5979**, and **164.9410, -57.6519, 11.4527** is the 20% darker color. If you saturate the color by 10%, you get **219.1020, -68.5773, 15.6965**, and if you desaturate by 10%, it is **224.5740, -47.6110, 10.8976**.

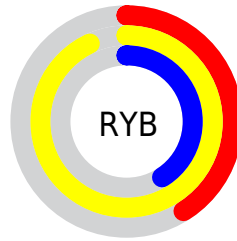
Distribution



Red (93%)

Green (93%)

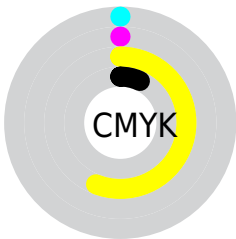
Blue (41%)



Red (41%)

Yellow (93%)

Blue (41%)

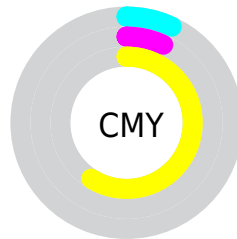


Cyan (0%)

Magenta (0%)

Yellow (56%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.8380, -58.0941, 13.2971 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 221.8380, -58.0941, 13.2971 by changing the saturation by 10% instead.

221.8380,
-58.0941, 13.2971

221.8380,
-58.0941, 13.2971

255.0000, 0.0000,
0.0000

193.3540,
-57.3625, 11.9675

244.0560,
-41.9326, 9.5979

164.9410,
-57.6519, 11.4527

247.2480,
-29.7023, 6.7985

137.0890,
-62.1619, 11.3229

250.5540,
-17.0351, 3.8991

112.2010,
-55.3151, 8.5937

253.8600, -4.3680,
0.9998

89.4530, -44.1003,
4.8647

67.2920, -33.1750,
0.6209

46.0170, -22.6864,

-3.5229

■ 26.2150, -12.9240,
-8.0816

■ 5.8700, -2.8939,
-5.1480

■ 221.8380,
-58.0941, 13.2971

■ 221.8380,
-58.0941, 13.2971

■ 219.1020,
-68.5773, 15.6965

■ 224.5740,
-47.6110, 10.8976

■ 216.4800,
-78.6236, 17.9960

■ 227.1960,
-37.5646, 8.5981

■ 213.7440,
-89.1068, 20.3955

■ 229.9320,
-27.0815, 6.1986

■ 211.0080,
-99.5899, 22.7950

■ 232.6680,
-16.5983, 3.7992

■ 209.9820,
-103.5211, 23.6948

■ 235.2900, -6.5520,
1.4997

■ 238.0260, 3.9312,
-0.8998

■ 239.0520, 7.8624,
-1.7996

Harmonies

Analogous

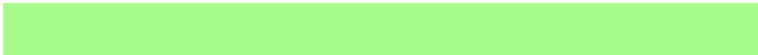
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215.2350, -53.3599, 34.8739



221.8380, -58.0941, 13.2971



213.5890, -37.2654, -40.8586

Triad

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



221.8380, -58.0941, 13.2971



178.7550, 37.5888, -156.7681



212.1490, 21.1255, 37.5803

Complementary

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



221.8380, -58.0941, 13.2971



119.1620, 58.0941, -13.2971

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.



223.8890, 15.3377, 27.2843



221.8380, -58.0941, 13.2971



173.4720, 40.1933, -152.1349

Square

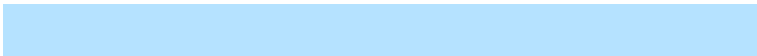
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.8380, -58.0941, 13.2971



178.7550, 37.5888, -156.7681



215.8510, 19.3005, -30.5643



203.7590, -0.8672, 44.9384

Rectangle

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



221.8380, -58.0941, 13.2971



200.7310, -12.6854, -84.8331



215.8510, 19.3005, -30.5643



215.0840, 19.6786, 35.0063

Sweetspot

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



221.8380, -58.0941, 13.2971



250.0980, -18.7823, 4.2991



143.7670, -19.6051, 81.7653



125.0360, -11.3567, 2.5994



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.



221.8380, -58.0941, 13.2971



235.5060, -74.6925, 17.0962



202.1040, -48.3653, -27.2782



115.7460, -4.8048, 1.0998



160.3660, -79.0604, 18.0960



47.8440, -23.5871, 5.3988

Inverse Universe

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



119.1620, 58.0941, -13.2971



103.4940, 74.6925, -17.0962



139.1950, 48.2179, 27.8930



107.2540, 4.8048, -1.0998



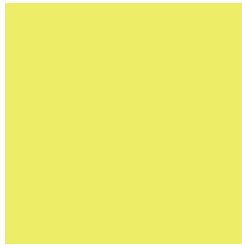
20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 221.8380, -58.0941, 13.2971 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 221.8380, -58.0941, 13.2971 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 221.8380, -58.0941, 13.2971 Background



This preview shows how black text looks on a background with the YUV color 221.8380, -58.0941, 13.2971.



This preview shows how white text looks on a background with the YUV color 221.8380, -58.0941,

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

221.8380, -58.0941, 13.2971

Protanopia

224.4960, -55.9535, 26.7520

Deuteranopia

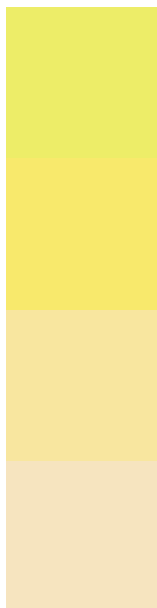
230.6810, -19.5627, 21.3278



Tritanopia

233.3100, 3.2982, 15.5141

Trichromacy



Original Color

221.8380, -58.0941, 13.2971

Protanomaly

223.2350, -56.8109, 21.7189

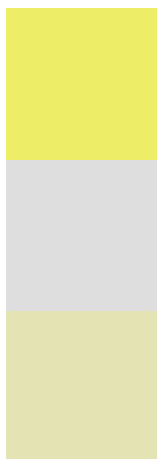
Deuteranomaly

227.2880, -33.6660, 18.1644

Tritanomaly

229.1640, -18.8149, 14.7652

Monochromacy



Original Color

221.8380, -58.0941, 13.2971

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.5280, -20.9663, 4.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.8380, -58.0941, 13.2971 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(237, 237, 104)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 104)  
}
```

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(237, 237, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 104) }
```

Border

The CSS property to change the border of an element to YUV 221.8380, -58.0941, 13.2971 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(237, 237, 104) }
```


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

```
.border{ border-color:rgb(237, 237, 104) }
```

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

Here you see how a box with a 4 pixel rgb(237, 237, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 104);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 221.8380, -58.0941, 13.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 104) }
```

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

```
.background{ background-color: rgb(237,  
237, 104) }
```

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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