

Converting Colors

YUV(220.6790, -53.5787,
11.6825)

Have a look what the booklet for
YUV(220.6790, -53.5787, 11.6825)
contains.

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Color

**YUV(220.6790, -53.5787,
11.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEB70
RGB	234, 235, 112
RGB Percent	92%, 92%, 44%
CMY	0.0824, 0.0784, 0.5608
CMYK	0.00, 0.00, 0.52, 0.08
HSL	60°, 75%, 68%
HSV	60°, 52%, 92%
XYZ	66.5646, 78.0789, 26.8916
YIQ	220.6790, 38.8870, -38.4650

Conversions

Conversions Part 2

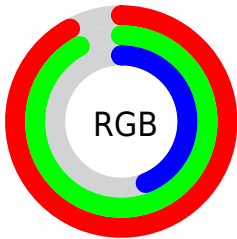
Format	Color
RYB	112, 235, 113
Decimal	15395696
CIELab	90.82, -16.39, 58.68
CIELCh	91, 60.929, 105.606
Yxy	78.0789, 0.3881, 0.4552
Android (android.graphics.Color)	4293585776 (0xFFEAEB70)
YUV	220.6790, -53.5787, 11.6825
Hunter-Lab	88.3623, -20.1673, 43.8096

Details

The YUV color **220.6790, -53.5787, 11.6825** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **126.3210, 53.5787, -11.6825**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.9680, -38.4382, 8.7981**, and **164.3090, -52.4103, 10.2530** is the 20% darker color. If you saturate the color by 10%, you get **218.0570, -63.6251, 13.9820**, and if you desaturate by 10%, it is **223.4150, -43.0956, 9.2830**.

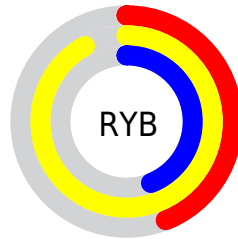
Distribution



Red (92%)

Green (92%)

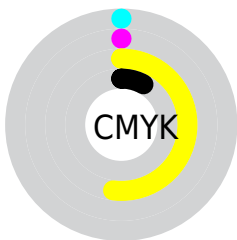
Blue (44%)



Red (44%)

Yellow (92%)

Blue (44%)

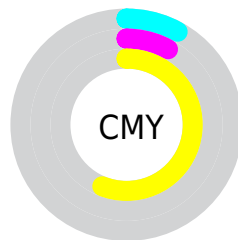


Cyan (0%)

Magenta (0%)

Yellow (52%)

Black (8%)



Cyan (8%)

Magenta (8%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.6790, -53.5787, 11.6825 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 220.6790, -53.5787, 11.6825 by changing the saturation by 10% instead.

220.6790,
-53.5787, 11.6825

220.6790,
-53.5787, 11.6825

255.0000, 0.0000,
0.0000

192.4940,
-52.9945, 10.9678

244.9680,
-38.4382, 8.7981

164.3090,
-52.4103, 10.2530

248.1600,
-26.2079, 5.9987

137.2550,
-53.8627, 9.4234

251.4660,
-13.5407, 3.0993

110.4290,
-54.4415, 8.3938

254.7720, -0.8736,
0.2000

87.6810, -43.2267,
4.6648

65.8190, -32.4488,
1.0357

44.5440, -21.9602,

-3.1081

■ 24.4430, -12.0504,
-8.2815

■ 3.5220, -1.7363,
-3.0888

■ 220.6790,
-53.5787, 11.6825

■ 220.6790,
-53.5787, 11.6825

■ 218.0570,
-63.6251, 13.9820

■ 223.4150,
-43.0956, 9.2830

■ 215.3210,
-74.1083, 16.3815

■ 226.0370,
-33.0492, 6.9836

■ 212.4000,
-84.0072, 18.0662

■ 229.0720,
-22.7135, 5.1989

■ 209.6640,
-94.4904, 20.4657

■ 231.6940,
-12.6671, 2.8994

■ 207.6120,
-102.3527, 22.2653

■ 234.4300, -2.1840,
0.4999

■ 237.0520, 7.8624,
-1.7996

■ 237.2800, 8.7360,
-1.9996

■ 237.5790, 8.5886,
-1.3848

Harmonies

Analogous

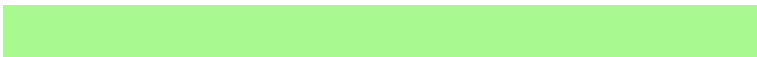
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.0330, -50.3023, 34.1741



220.6790, -53.5787, 11.6825



212.8110, -33.9238, -39.2992

Triad

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



220.6790, -53.5787, 11.6825



178.1680, 37.8782, -156.2533



213.3230, 20.5468, 36.5507

Complementary

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



220.6790, -53.5787, 11.6825



126.3210, 53.5787, -11.6825

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



220.6790, -53.5787, 11.6825



171.7110, 41.0615, -150.5905

Square

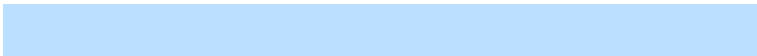
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.6790, -53.5787, 11.6825



178.7550, 37.5888, -156.7681



216.4710, 18.9948, -25.8461



205.2920, -2.6090, 43.5939

Rectangle

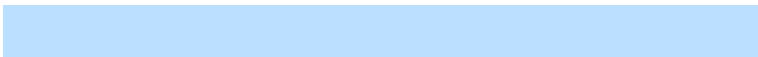
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.6790, -53.5787, 11.6825



203.4650, -12.5542, -80.2148



216.4710, 18.9948, -25.8461



215.6710, 19.3892, 34.4915

Sweetspot

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



220.6790, -53.5787, 11.6825



250.3260, -17.9087, 4.0991



148.7770, -18.1311, 75.6176



124.8510, -10.7725, 1.8847



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.



220.6790, -53.5787, 11.6825



236.3470, -70.1771, 15.4817



202.7390, -44.7343, -25.2041



115.7460, -4.8048, 1.0998



160.0670, -78.9130, 17.4812



47.5450, -23.4397, 4.7840

Inverse Universe

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



126.3210, 53.5787, -11.6825



112.9520, 70.0297, -14.8669



144.5600, 44.5869, 25.8189



107.2540, 4.8048, -1.0998



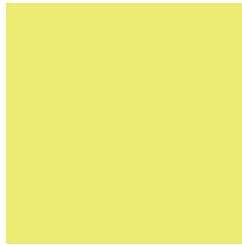
20.9330, 78.9130, -17.4812



6.1560, 23.5871, -5.3988

Previews

White Background



This preview shows how the YUV color 220.6790, -53.5787, 11.6825 looks on a white background.

Color Contrast Check

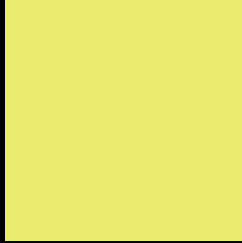
Large Text (above 18pt) WCAG AA × Fail

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 220.6790, -53.5787, 11.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

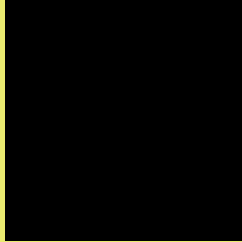
Any Text WCAG AA ✓ Pass

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 220.6790, -53.5787, 11.6825 Background



This preview shows how black text looks on a background with the YUV color 220.6790, -53.5787, 11.6825.



This preview shows how white text looks on a background with the YUV color 220.6790, -53.5787, 11.6825.

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

220.6790, -53.5787, 11.6825

Protanopia

222.6100, -55.5167, 26.6520

Deuteranopia

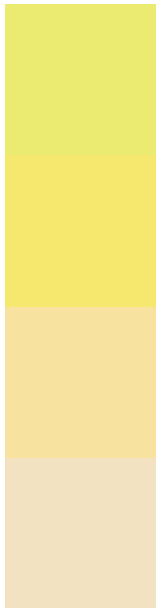
228.3500, -20.8785, 23.3721



Tritanopia

230.8260, 4.0298, 14.1846

Trichromacy



Original Color

220.6790, -53.5787, 11.6825

Protanomaly

221.8050, -54.6269, 21.2190

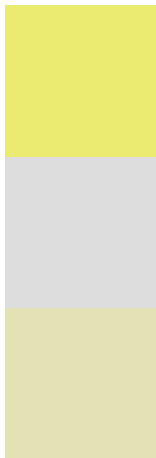
Deuteranomaly

225.2280, -32.6504, 19.0940

Tritanomaly

227.0220, -16.7728, 13.1357

Monochromacy



Original Color

220.6790, -53.5787, 11.6825

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8700, -19.6559, 4.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.6790, -53.5787, 11.6825 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(234, 235, 112)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 112)  
}
```

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(234, 235, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 112) }
```

Border

The CSS property to change the border of an element to YUV 220.6790, -53.5787, 11.6825 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(234, 235, 112) }
```


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

```
.border{ border-color:rgb(234, 235, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 112);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 220.6790, -53.5787, 11.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 112) }
```

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

```
.background{ background-color: rgb(234,  
235, 112) }
```

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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