

Converting Colors

YUV(225.9780, -53.7262,
12.2973)

Have a look what the booklet for
YUV(225.9780, -53.7262, 12.2973)
contains.

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Color

**YUV(225.9780, -53.7262,
12.2973)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F075
RGB	240, 240, 117
RGB Percent	94%, 94%, 46%
CMY	0.0588, 0.0588, 0.5412
CMYK	0.00, 0.00, 0.51, 0.06
HSL	60°, 80%, 70%
HSV	60°, 51%, 94%
XYZ	70.3062, 82.1298, 28.9767
YIQ	225.9780, 39.4830, -38.2530

Conversions

Conversions Part 2

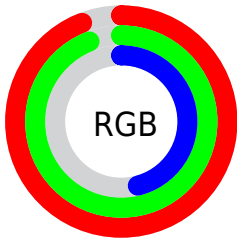
Format	Color
RYB	117, 240, 117
Decimal	15790197
CIELab	92.63, -16.05, 58.65
CIELCh	93, 60.808, 105.305
Yxy	82.1298, 0.3875, 0.4527
Android (android.graphics.Color)	4293980277 (0xFFFF0F075)
YUV	225.9780, -53.7262, 12.2973
Hunter-Lab	90.6255, -20.1165, 44.4804

Details

The YUV color $225.9780, -53.7262, 12.2973$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $131.0220, 53.7262, -12.2973$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.5380, -36.2542, 8.2982$, and $169.6080, -52.5577, 10.8678$ is the 20% darker color. If you saturate the color by 10%, you get $223.2420, -64.2093, 14.6968$, and if you desaturate by 10%, it is $228.7140, -43.2430, 9.8978$.

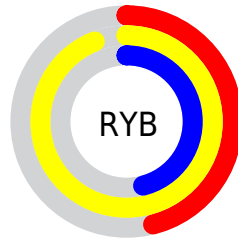
Distribution



Red (94%)

Green (94%)

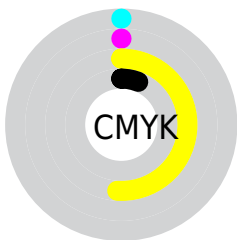
Blue (46%)



Red (46%)

Yellow (94%)

Blue (46%)

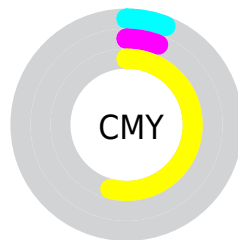


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.9780, -53.7262, 12.2973 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 225.9780, -53.7262, 12.2973 by changing the saturation by 10% instead.

■ 225.9780,
-53.7262, 12.2973

■ 225.9780,
-53.7262, 12.2973

■ 255.0000, 0.0000,
0.0000

■ 197.7930,
-53.1419, 11.5825

■ 245.5380,
-36.2542, 8.2982

■ 169.6080,
-52.5577, 10.8678

■ 248.7300,
-24.0239, 5.4988

■ 141.7820,
-53.1365, 9.8382

■ 252.0360,
-11.3567, 2.5994

■ 114.2720,
-56.3361, 9.4085

■ 91.5240, -45.1213,
5.6795

■ 69.6620, -34.3434,
2.0504

■ 48.3870, -23.8548,

-2.0934

■ 28.5850, -14.0924,
-6.6520

■ 9.9790, -4.9196,
-8.7516

■ 225.9780,
-53.7262, 12.2973

■ 225.9780,
-53.7262, 12.2973

■ 223.2420,
-64.2093, 14.6968

■ 228.7140,
-43.2430, 9.8978

■ 220.5060,
-74.6925, 17.0962

■ 231.4500,
-32.7598, 7.4984

■ 217.7700,
-85.1756, 19.4957

■ 234.1860,
-22.2767, 5.0989

■ 215.0340,
-95.6588, 21.8952

■ 236.9220,
-11.7935, 2.6994

■ 212.6400,
-104.8315, 23.9947

■ 239.6580, -1.3104,
0.2999

■ 241.7100, 6.5520,
-1.4997

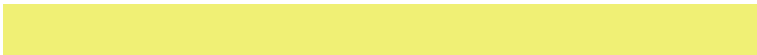
Harmonies

Analogous

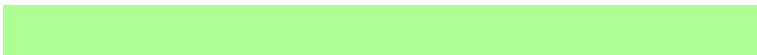
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.9510, -49.2758, 31.6150



225.9780, -53.7262, 12.2973



218.1100, -34.0712, -38.6845

Triad

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



225.9780, -53.7262, 12.2973



178.7550, 37.5888, -156.7681



216.2580, 19.0998, 33.9767

Complementary

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



225.9780, -53.7262, 12.2973



131.0220, 53.7262, -12.2973

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.



226.8240, 13.8908, 24.7104



225.9780, -53.7262, 12.2973



183.9150, 35.0449, -134.1065

Square

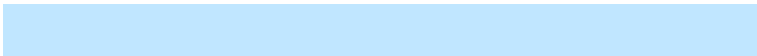
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.9780, -53.7262, 12.2973



178.7550, 37.5888, -156.7681



221.4880, 16.5214, -25.8610



208.9110, -1.4351, 40.4201

Rectangle

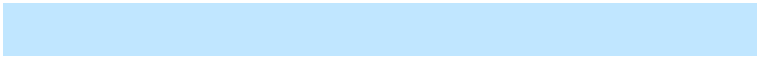
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.9780, -53.7262, 12.2973



206.1280, -11.4021, -76.4113



221.4880, 16.5214, -25.8610



219.1930, 17.6529, 31.4027

Sweetspot

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



225.9780, -53.7262, 12.2973



250.6680, -16.5983, 3.7992



153.7770, -18.1311, 75.6176



125.3780, -10.0464, 2.2995



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.



225.9780, -53.7262, 12.2973



236.9880, -69.0141, 15.7965



207.4400, -44.5869, -25.8189



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



131.0220, 53.7262, -12.2973



115.0120, 69.0141, -15.7965



149.2610, 44.7343, 25.2041



109.3680, 5.2416, -1.1997



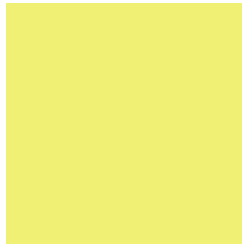
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 225.9780, -53.7262, 12.2973 looks on a white background.

Color Contrast Check

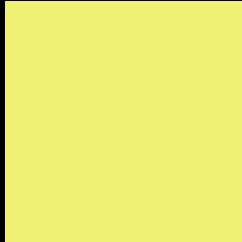
Large Text (above 18pt) WCAG AA × Fail

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 225.9780, -53.7262, 12.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

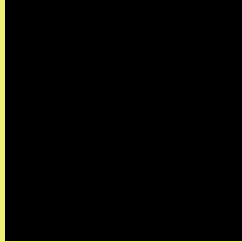
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.9780, -53.7262, 12.2973

Background



This preview shows how black text looks on a background with the YUV color 225.9780, -53.7262, 12.2973.

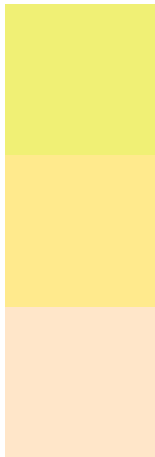


This preview shows how white text looks on a background with the YUV color 225.9780, -53.7262, 12.2973.

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

225.9780, -53.7262, 12.2973

Protanopia

229.6770, -43.7178, 22.2083

Deuteranopia

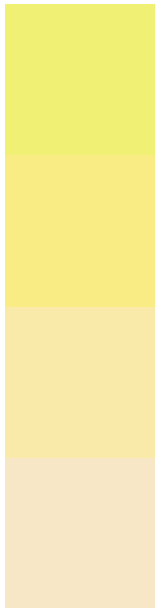
234.1690, -16.3523, 18.2688



Tritanopia

236.1250, 3.8824, 14.7994

Trichromacy



Original Color

225.9780, -53.7262, 12.2973

Protanomaly

228.3300, -47.4907, 19.0046

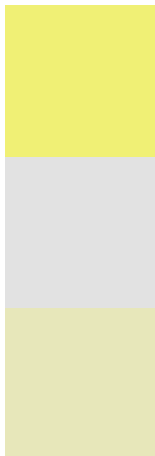
Deuteranomaly

231.4880, -30.3136, 16.2350

Tritanomaly

232.3210, -16.9203, 13.7505

Monochromacy



Original Color

225.9780, -53.7262, 12.2973

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.8700, -19.6559, 4.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.9780, -53.7262, 12.2973 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(240, 240, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 117)  
}
```

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(240, 240, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 117) }
```

Border

The CSS property to change the border of an element to YUV 225.9780, -53.7262, 12.2973 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(240, 240, 117) }
```


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

```
.border{ border-color:rgb(240, 240, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 240, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 225.9780, -53.7262, 12.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 117) }
```

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

```
.background{ background-color: rgb(240,  
240, 117) }
```

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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