

Converting Colors

YUV(235.2780, -75.5661,
17.2962)

Have a look what the booklet for
YUV(235.2780, -75.5661, 17.2962)
contains.

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Color

**YUV(235.2780, -75.5661,
17.2962)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFF52 |
| RGB | 255, 255, 82 |
| RGB Percent | 100%, 100%, 32% |
| CMY | 0.0000, 0.0000, 0.6784 |
| CMYK | 0.00, 0.00, 0.68, 0.00 |
| HSL | 60°, 100%, 66% |
| HSV | 60°, 68%, 100% |
| XYZ | 78.5230, 93.3892, 21.8700 |
| YIQ | 235.2780, 55.5330, -53.8030 |

Conversions

Conversions Part 2

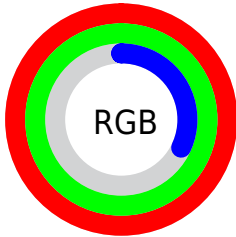
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 82, 255, 82 |
| Decimal | 16777042 |
| CIE Lab | 97.39, -19.57, 78.36 |
| CIE LCh | 97, 80.770, 104.020 |
| Yxy | 93.3892, 0.4052, 0.4819 |
| Android (android.graphics.Color) | 4294967122 (0xFFFFFFFF52) |
| YUV | 235.2780, -75.5661, 17.2962 |
| Hunter-Lab | 96.6381, -24.0770, 54.2289 |

Details

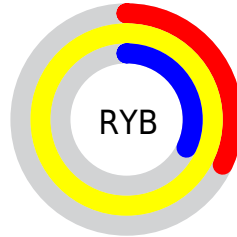
The YUV color $235.2780, -75.5661, 17.2962$ is a light color, and the websafe version is hex $FFFF66$. The color can be described as light muted yellow. A complement of this color would be $101.7220, 75.5661, -17.2962$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8900, -50.2318, 11.4975$, and $175.1180, -86.3332, 17.4365$ is the 20% darker color. If you saturate the color by 10%, you get $232.4280, -86.4860, 19.7956$, and if you desaturate by 10%, it is $238.1280, -64.6461, 14.7967$.

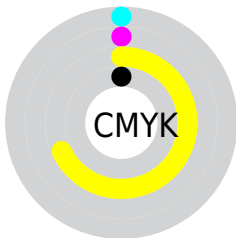
Distribution



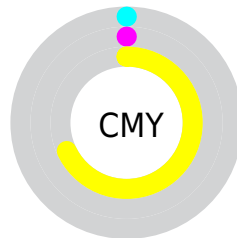
- Red (100%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 235.2780, -75.5661, 17.2962 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 235.2780, -75.5661, 17.2962 by changing the saturation by 10% instead.

235.2780,
-75.5661, 17.2962

235.2780,
-75.5661, 17.2962

255.0000, 0.0000,
0.0000

205.6370,
-76.7290, 16.9814

241.8900,
-50.2318, 11.4975

175.1180,
-86.3332, 17.4365

245.1960,
-37.5646, 8.5981

149.7120,
-73.8080, 13.4076

248.5020,
-24.8975, 5.6987

125.7790,
-62.0090, 8.9638

251.9220,
-11.7935, 2.6994

102.1450,
-50.3575, 5.1348

79.6850, -39.2847,
0.2763

57.5240, -28.3593,

-3.9675

■ 36.8360, -18.1601,
-8.6262

■ 17.0230, -8.3923,
-14.9292

■ 235.2780,
-75.5661, 17.2962

■ 235.2780,
-75.5661, 17.2962

■ 232.4280,
-86.4860, 19.7956

■ 238.1280,
-64.6461, 14.7967

■ 229.4640,
-97.8428, 22.3951

■ 241.0920,
-53.2894, 12.1973

■ 226.6140,
-108.7627, 24.8945

■ 244.0560,
-41.9326, 9.5979

■ 225.9300,
-111.3835, 25.4944

■ 246.9060,
-31.0127, 7.0984

■ 249.8700,
-19.6559, 4.4990

■ 252.7200, -8.7360,
1.9996

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



220.3410, -64.2581, 30.3959



235.2780, -75.5661, 17.2962



213.9110, -42.3541, -42.0179

Triad

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



235.2780, -75.5661, 17.2962



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655

Complementary

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



235.2780, -75.5661, 17.2962



101.7220, 75.5661, -17.2962

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.



229.1720, 12.7332, 22.6512



235.2780, -75.5661, 17.2962



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.



235.2780, -75.5661, 17.2962



178.7550, 37.5888, -156.7681



222.8400, 15.8549, -45.4637



204.5400, 4.6638, 44.2534

Rectangle

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



235.2780, -75.5661, 17.2962



190.5650, -7.6735, -105.7355



222.8400, 15.8549, -45.4637



217.4320, 18.5210, 32.9471

Sweetspot

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



235.2780, -75.5661, 17.2962



249.1860, -22.2767, 5.0989



133.7270, -25.5014, 106.3564



124.4660, -13.5407, 3.0993



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.



235.2780, -75.5661, 17.2962



231.4020, -90.4172, 20.6954



209.5640, -62.8891, -35.5746



126.5180, -5.6784, 1.2997



169.2260, -83.4284, 19.0958



56.7040, -27.9551, 6.3986

Inverse Universe

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



101.7220, 75.5661, -17.2962



71.5980, 90.4172, -20.6954



127.7350, 62.7416, 36.1894



116.4820, 5.6784, -1.2997



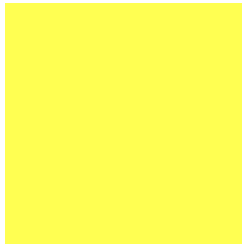
21.7740, 83.4284, -19.0958



7.2960, 27.9551, -6.3986

Previews

White Background



This preview shows how the YUV color 235.2780, -75.5661, 17.2962 looks on a white background.

Color Contrast Check

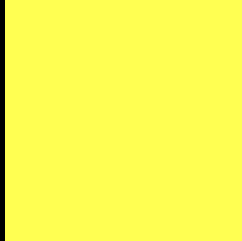
Large Text (above 18pt) WCAG AA × Fail

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 235.2780, -75.5661, 17.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

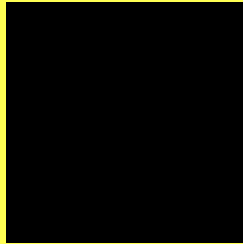
Any Text WCAG AA ✓ Pass

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 235.2780, -75.5661, 17.2962 Background



This preview shows how black text looks on a background with the YUV color 235.2780, -75.5661, 17.2962.



This preview shows how white text looks on a background with the YUV color 235.2780, -75.5661, 17.2962.

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



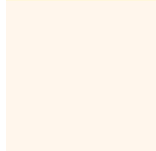
Original Color

235.2780, -75.5661, 17.2962



Protanopia

246.3140, -12.9728, 7.6176



Deuteranopia

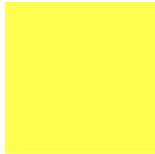
247.5510, -5.6946, 6.5328



Tritanopia

247.9730, 0.9993, 6.1627

Trichromacy



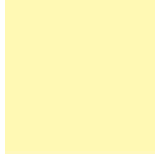
Original Color

235.2780, -75.5661, 17.2962



Protanomaly

242.3750, -35.6809, 11.0721



Deuteranomaly

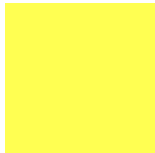
242.9280, -31.0235, 10.5871



Tritanomaly

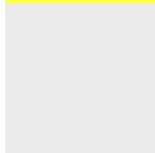
243.3670, -26.8029, 10.2021

Monochromacy



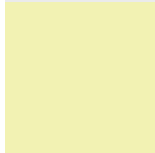
Original Color

235.2780, -75.5661, 17.2962



Achromatopsia

235.0000, 0.0000, 0.0000



Achromatomaly

234.8180, -27.5183, 6.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 235.2780, -75.5661, 17.2962 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(255, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 82)  
}
```

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(255, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 82) }
```

Border

The CSS property to change the border of an element to YUV 235.2780, -75.5661, 17.2962 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(255, 255, 82) }
```


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

```
.border{ border-color:rgb(255, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 235.2780, -75.5661, 17.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 82) }
```

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

```
.background{ background-color: rgb(255,  
255, 82) }
```

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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