

Converting Colors

YUV(232.6580, -75.2604,
12.5779)

Have a look what the booklet for
YUV(232.6580, -75.2604, 12.5779)
contains.

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Color

**YUV(232.6580, -75.2604,
12.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FF50
RGB	247, 255, 80
RGB Percent	97%, 100%, 31%
CMY	0.0314, 0.0000, 0.6863
CMYK	0.03, 0.00, 0.69, 0.00
HSL	63°, 100%, 66%
HSV	63°, 69%, 100%
XYZ	75.5657, 91.8733, 21.3400
YIQ	232.6580, 51.4070, -56.1210

Conversions

Conversions Part 2

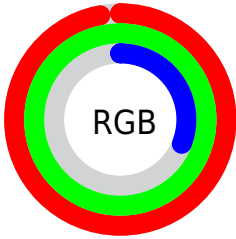
Format	Color
R _Y B	80, 255, 88
Decimal	16252752
CIE Lab	96.77, -22.87, 78.25
CIE LCh	97, 81.529, 106.294
Yxy	91.8733, 0.4003, 0.4867
Android (android.graphics.Color)	4294442832 (0xFFFF7FF50)
YUV	232.6580, -75.2604, 12.5779
Hunter-Lab	95.8506, -27.0144, 53.8952

Details

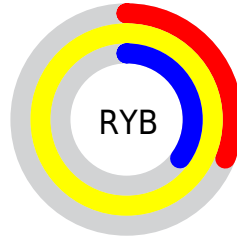
The YUV color **232.6580, -75.2604, 12.5779** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **102.3420, 75.2604, -12.5779**, and the grayscale version is **233.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.7760, -50.6686, 11.5974**, and **172.1390, -84.8645, 13.0331** is the 20% darker color. If you saturate the color by 10%, you get **229.5090, -86.0329, 14.4626**, and if you desaturate by 10%, it is **235.9210, -64.0511, 10.5933**.

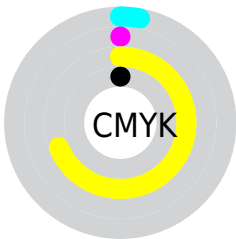
Distribution



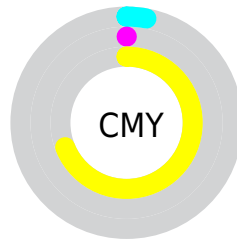
- Red (97%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.6580, -75.2604, 12.5779 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 232.6580, -75.2604, 12.5779 by changing the saturation by 10% instead.

232.6580,
-75.2604, 12.5779

232.6580,
-75.2604, 12.5779

255.0000, 0.0000,
0.0000

202.9030,
-76.8602, 12.3631

241.7760,
-50.6686, 11.5974

172.1390,
-84.8645, 13.0331

244.9680,
-38.4382, 8.7981

147.6190,
-72.7762, 9.1041

248.3880,
-25.3343, 5.7987

123.6860,
-60.9772, 4.6604

251.6940,
-12.6671, 2.8994

100.0520,
-49.3256, 0.8314

77.5920, -38.2529,
-4.0272

55.1320, -27.1801,

-8.8858

■ 33.5580, -16.5441,
-13.6444

■ 17.0230, -8.3923,
-14.9292

■ 232.6580,
-75.2604, 12.5779

■ 232.6580,
-75.2604, 12.5779

■ 229.5090,
-86.0329, 14.4626

■ 235.9210,
-64.0511, 10.5933

■ 226.2460,
-97.2423, 16.4473

■ 239.0700,
-53.2785, 8.7086

■ 223.0970,
-108.0148, 18.3319

■ 242.3330,
-42.0692, 6.7240

■ 222.3420,
-109.6146, 18.1171

■ 245.7810,
-31.4440, 5.4541

249.0440,
-20.2347, 3.4694

252.1930, -9.4621,
1.5847

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.



220.1300, -67.6051, 30.5810



232.6580, -75.2604, 12.5779



210.8500, -39.8590, -48.9804

Triad

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



232.6580, -75.2604, 12.5779



178.7550, 37.5888, -156.7681



209.8010, 22.2831, 39.6395

Complementary

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



232.6580, -75.2604, 12.5779



102.3420, 75.2604, -12.5779

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.



226.2370, 14.1802, 25.2252



232.6580, -75.2604, 12.5779



178.7550, 37.5888, -156.7681

Square

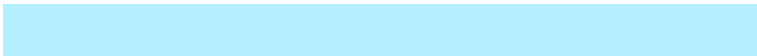
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.6580, -75.2604, 12.5779



178.7550, 37.5888, -156.7681



223.4820, 15.5384, -37.2567



202.4540, 1.7482, 46.0828

Rectangle

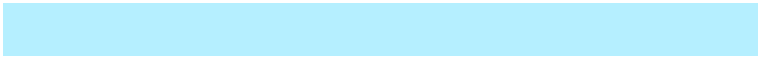
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.6580, -75.2604, 12.5779



180.5560, -0.7671, -127.6526



223.4820, 15.5384, -37.2567



214.4970, 19.9680, 35.5211

Sweetspot

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



232.6580, -75.2604, 12.5779



248.2460, -23.2923, 4.1693



135.8470, -27.5326, 104.4972



123.7540, -13.6827, 1.9697



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.



232.6580, -75.2604, 12.5779



228.1840, -89.8167, 14.7476



207.2430, -62.7308, -39.6781



126.2190, -5.5310, 0.6849



166.8340, -82.2492, 14.1776



55.8070, -27.5129, 4.5543

Inverse Universe

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



102.3420, 75.2604, -12.5779



72.5170, 89.9641, -15.3624



127.7570, 62.7308, 39.6781



116.4820, 5.6784, -1.2997



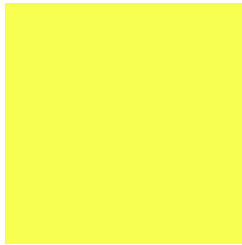
24.4650, 82.1018, -13.5628



8.1930, 27.5129, -4.5543

Previews

White Background



This preview shows how the YUV color 232.6580, -75.2604, 12.5779 looks on a white background.

Color Contrast Check

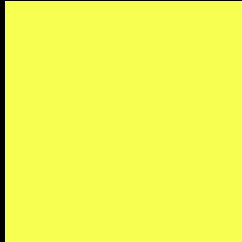
Large Text (above 18pt) WCAG AA × Fail

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 232.6580, -75.2604, 12.5779 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 232.6580, -75.2604, 12.5779

Background



This preview shows how black text looks on a background with the YUV color 232.6580, -75.2604, 12.5779.

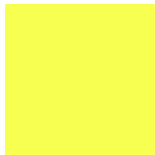


This preview shows how white text looks on a background with the YUV color 232.6580, -75.2604, 12.5779.

Color Blindness Simulation

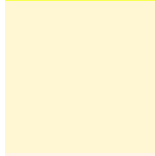
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



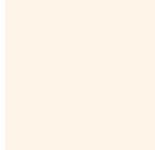
Original Color

232.6580, -75.2604, 12.5779



Protanopia

244.7010, -16.6146, 9.0322



Deuteranopia

245.8070, -7.2999, 8.0623



Tritanopia

247.0270, 2.4517, 6.9923

Trichromacy



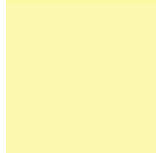
Original Color

232.6580, -75.2604, 12.5779



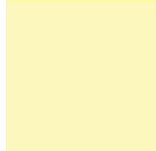
Protanomaly

240.0930, -38.0068, 10.4424



Deuteranomaly

240.9880, -32.0391, 9.6575



Tritanomaly

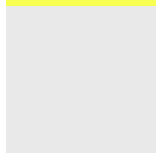
241.8830, -26.0713, 8.8726

Monochromacy



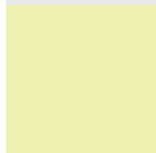
Original Color

232.6580, -75.2604, 12.5779



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.8070, -27.5129, 4.5543

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.6580, -75.2604, 12.5779 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(247, 255, 80)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 80)  
}
```

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(247, 255, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 80) }
```

Border

The CSS property to change the border of an element to YUV 232.6580, -75.2604, 12.5779 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(247, 255, 80) }
```


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

```
.border{ border-color:rgb(247, 255, 80) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 80);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 232.6580, -75.2604, 12.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 80) }
```

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

```
.background{ background-color: rgb(247,  
255, 80) }
```

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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