

Converting Colors

YUV(174.2600, -68.6552,
-52.8480)

Have a look what the booklet for
YUV(174.2600, -68.6552, -52.8480)
contains.

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Color

**YUV(174.2600, -68.6552,
-52.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	72E823
RGB	114, 232, 35
RGB Percent	45%, 91%, 14%
CMY	0.5529, 0.0902, 0.8627
CMYK	0.51, 0.00, 0.85, 0.09
HSL	96°, 81%, 52%
HSV	96°, 85%, 91%
XYZ	36.0994, 61.4120, 11.5412
YIQ	174.2600, -7.0910, -86.2830

Conversions

Conversions Part 2

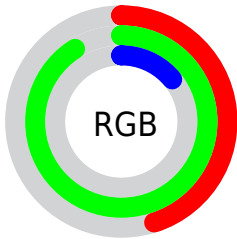
Format	Color
R_{YB}	35, 232, 153
Decimal	7530531
CIE _{Lab}	82.60, -62.90, 75.35
CIE _{LCh}	83, 98.153, 129.856
Yxy	61.4120, 0.3310, 0.5631
Android (android.graphics.Color)	4285720611 (0xFF72E823)
YUV	174.2600, -68.6552, -52.8480
Hunter-Lab	78.3658, -54.9136, 46.1242

Details

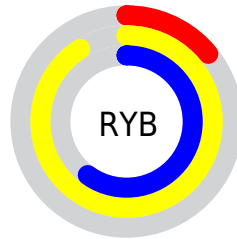
The YUV color **174.2600, -68.6552, -52.8480** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **92.7400, 68.6552, 52.8480**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5240, -55.4743, -33.7855**, and **115.5820, -56.9819, -63.6544** is the 20% darker color. If you saturate the color by 10%, you get **167.4520, -76.6378, -59.1554**, and if you desaturate by 10%, it is **181.0680, -60.6725, -46.5406**.

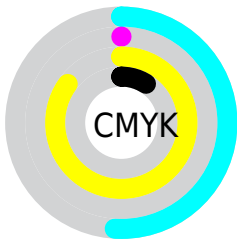
Distribution



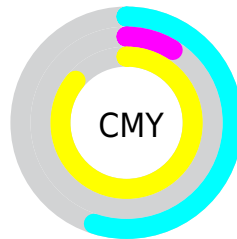
- Red (45%)
- Green (91%)
- Blue (14%)



- Red (14%)
- Yellow (91%)
- Blue (60%)



- Cyan (51%)
- Magenta (0%)
- Yellow (85%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2600, -68.6552, -52.8480 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 174.2600, -68.6552, -52.8480 by changing the saturation by 10% instead.

■ 174.2600,
-68.6552, -52.8480

■ 174.2600,
-68.6552, -52.8480

■ 255.0000, 0.0000,
0.0000

■ 143.6790,
-70.8337, -54.0925

■ 213.5240,
-55.4743, -33.7855

■ 115.5820,
-56.9819, -63.6544

■ 226.0990,
-47.3768, -17.6268

■ 86.8760, -42.8299,
-76.1903

■ 238.6740,
-39.2793, -1.4681

■ 71.0270, -35.0163,
-62.2907

■ 247.3620,
-29.2655, 6.6985

■ 55.7650, -27.4921,
-48.9059

■ 250.7820,
-16.1615, 3.6992

■ 41.0900, -20.2574,
-36.0359

■ 254.0880, -3.4944,

■ 27.5890, -13.6014,

0.7998

-24.1956

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 174.2600,
-68.6552, -52.8480

■ 174.2600,
-68.6552, -52.8480

■ 167.4520,
-76.6378, -59.1554

■ 181.0680,
-60.6725, -46.5406

■ 163.9910,
-80.8476, -62.2591

■ 187.8760,
-52.6899, -40.2333

■ 194.7980,
-44.2704, -34.0258

■ 201.6060,
-36.2878, -27.7185

■ 208.1150,
-28.1577, -22.0259

■ 214.9230,
-20.1750, -15.7185

■ 221.7310,
-12.1924, -9.4111

■ 228.6530, -3.7729,
-3.2037

■ 235.4610, 4.2097,
3.1037

Harmonies

Analogous

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



189.3380, -93.3436, 26.0136



174.2600, -68.6552, -52.8480



158.3730, -10.0439, -138.8931

Triad

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



174.2600, -68.6552, -52.8480



165.8410, 43.9554, -145.4426



155.3510, 11.6590, 87.3922

Complementary

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



174.2600, -68.6552, -52.8480



92.7400, 68.6552, 52.8480

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.



174.5810, 39.6466, 70.5275



174.2600, -68.6552, -52.8480



150.5790, 51.4796, -132.0578

Square

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



174.2600, -68.6552, -52.8480



172.2980, 40.7721, -151.1053



199.7670, 27.2299, 39.6693



164.6900, -36.3292, 79.2019

Rectangle

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



174.2600, -68.6552, -52.8480



167.4300, 17.0430, -146.8361



199.7670, 27.2299, 39.6693



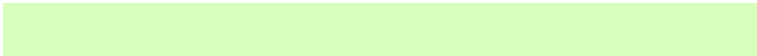
158.2980, 25.4891, 84.8077

Sweetspot

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



174.2600, -68.6552, -52.8480



236.3420, -22.3536, -16.9629



161.4080, -62.3191, 61.9092



116.6770, -13.6448, -10.2407



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.



174.2600, -68.6552, -52.8480



180.1830, -88.8302, -68.5665



152.4630, -50.0213, -103.0151



111.5390, -4.2097, -3.1037



126.6010, -62.4143, -47.8851



35.9170, -17.7071, -13.9592

Inverse Universe

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



92.7400, 68.6552, 52.8480



74.8170, 88.8302, 68.5665



114.5370, 50.0213, 103.0151



106.4610, 4.2097, 3.1037



52.3990, 62.4143, 47.8851



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 174.2600, -68.6552, -52.8480 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 174.2600, -68.6552, -52.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

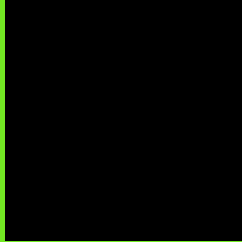
Any Text WCAG AA ✓ Pass

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 174.2600, -68.6552, -52.8480 Background



This preview shows how black text looks on a background with the YUV color 174.2600, -68.6552, -52.8480.



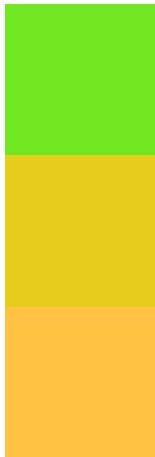
This preview shows how white text looks on a background with the YUV color 174.2600, -68.6552, -52.8480.

-52.8480.

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

174.2600, -68.6552, -52.8480

Protanopia

192.1830, -81.4352, 33.1655

Deuteranopia

197.6470, -64.9020, 50.2986



Tritanopia

196.7090, 17.8915, -45.3488

Trichromacy



Original Color

174.2600, -68.6552, -52.8480



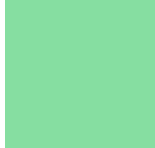
Protanomaly

185.8370, -76.8276, 1.8970



Deuteranomaly

189.3620, -66.2405, 12.8375



Tritanomaly

188.7340, -13.6729, -48.0017

Monochromacy



Original Color

174.2600, -68.6552, -52.8480



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9350, -25.1110, -19.2370

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2600, -68.6552, -52.8480 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(114, 232, 35)` looks like.

```
.text, #text, p{  
    color:rgb(114, 232, 35)  
}
```

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(114, 232, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 232, 35) }
```

Border

The CSS property to change the border of an element to YUV 174.2600, -68.6552, -52.8480 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(114, 232, 35) }
```


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

```
.border{ border-color:rgb(114, 232, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 232, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 232, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 232, 35);  
box-shadow:4px 4px 4px 4px rgb(114, 232,  
35) }
```

Background

The CSS property to change the background color of an element to YUV 174.2600, -68.6552, -52.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 232, 35) }
```

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

```
.background{ background-color: rgb(114,  
232, 35) }
```

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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