

Converting Colors

YUV(172.6710, -78.7178,
-45.3155)

Have a look what the booklet for
YUV(172.6710, -78.7178, -45.3155)
contains.

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Color

**YUV(172.6710, -78.7178,
-45.3155)**

Conversions

Conversions Part 1

Format	Color
Hex	79E60D
RGB	121, 230, 13
RGB Percent	47%, 90%, 5%
CMY	0.5255, 0.0980, 0.9490
CMYK	0.47, 0.00, 0.94, 0.10
HSL	90°, 89%, 48%
HSV	90°, 94%, 90%
XYZ	36.2546, 60.6876, 10.1838
YIQ	172.6710, 4.6930, -90.5950

Conversions

Conversions Part 2

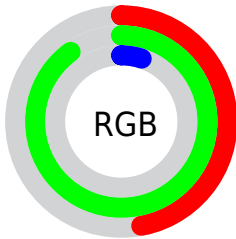
Format	Color
RYB	13, 230, 122
Decimal	7988749
CIELab	82.21, -60.71, 78.54
CIELCh	82, 99.269, 127.701
Yxy	60.6876, 0.3384, 0.5665
Android (android.graphics.Color)	4286178829 (0xFF79E60D)
YUV	172.6710, -78.7178, -45.3155
Hunter-Lab	77.9023, -53.2576, 46.7809

Details

The YUV color **172.6710, -78.7178, -45.3155** 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 **70.3290, 78.7178, 45.3155**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4770, -60.8742, -28.4823**, and **117.6970, -58.0246, -55.8623** is the 20% darker color. If you saturate the color by 10%, you get **169.0960, -83.3643, -48.3192**, and if you desaturate by 10%, it is **178.8810, -70.4403, -40.2376**.

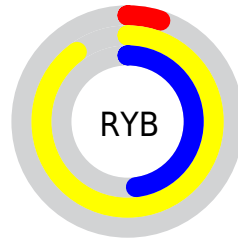
Distribution



Red (47%)

Green (90%)

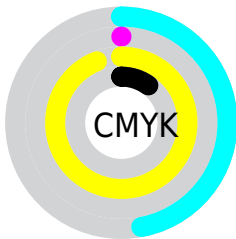
Blue (5%)



Red (5%)

Yellow (90%)

Blue (48%)

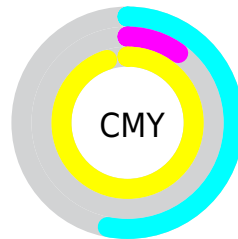


Cyan (47%)

Magenta (0%)

Yellow (94%)

Black (10%)



Cyan (53%)

Magenta (10%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6710, -78.7178, -45.3155 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 172.6710, -78.7178, -45.3155 by changing the saturation by 10% instead.

■ 172.6710,
-78.7178, -45.3155

■ 172.6710,
-78.7178, -45.3155

■ 255.0000, 0.0000,
0.0000

■ 144.5980,
-71.2868, -48.7594

■ 214.4770,
-60.8742, -28.4823

■ 117.6970,
-58.0246, -55.8623

■ 226.8670,
-52.1924, -13.0384

■ 85.7020, -42.2511,
-75.1607

■ 239.4420,
-44.0949, 3.1204

■ 70.4400, -34.7269,
-61.7759

■ 246.4500,
-32.7599, 7.4983

■ 55.1780, -27.2028,
-48.3911

■ 249.7560,
-20.0927, 4.5990

■ 40.5030, -19.9680,
-35.5211

■ 253.1760, -6.9888,

■ 27.0020, -13.3120,

1.5996

-23.6808

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 172.6710,
-78.7178, -45.3155

■ 172.6710,
-78.7178, -45.3155

■ 169.0960,
-83.3643, -48.3192

■ 178.8810,
-70.4403, -40.2376

■ 184.7920,
-62.0155, -35.7746

■ 191.0020,
-53.7380, -30.6968

■ 196.9130,
-45.3131, -26.2337

■ 203.1230,
-37.0356, -21.1559

■ 209.0340,
-28.6108, -16.6928

■ 215.2440,
-20.3333, -11.6150

■ 221.1550,
-11.9084, -7.1519

■ 227.3650, -3.6309,
-2.0741

Harmonies

Analogous

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



188.7730, -93.0651, 30.0171



172.6710, -78.7178, -45.3155



156.1730, -13.3963, -136.9637

Triad

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



172.6710, -78.7178, -45.3155



165.8410, 43.9554, -145.4426



153.1000, 15.7267, 89.3663

Complementary

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



172.6710, -78.7178, -45.3155



70.3290, 78.7178, 45.3155

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



172.6710, -78.7178, -45.3155



151.1660, 51.1902, -132.5726

Square

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



172.6710, -78.7178, -45.3155



172.2980, 40.7721, -151.1053



197.3640, 28.4145, 33.0068



162.2110, -33.1350, 81.3760

Rectangle

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



172.6710, -78.7178, -45.3155



165.9310, 13.8380, -145.5215



197.3640, 28.4145, 33.0068



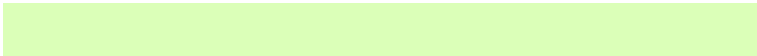
157.2210, 28.9780, 85.7522

Sweetspot

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



172.6710, -78.7178, -45.3155



236.1420, -25.7060, -15.0335



141.8660, -63.5309, 77.2935



116.4060, -15.9762, -9.1261



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.



172.6710, -78.7178, -45.3155



187.6580, -92.5154, -53.1971



140.3790, -62.7978, -111.7114



111.8380, -4.3571, -2.4889



131.6840, -64.9202, -37.4339



37.4120, -18.4441, -10.8853

Inverse Universe

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



70.3290, 78.7178, 45.3155



67.3420, 92.5154, 53.1971



102.6210, 62.7978, 111.7114



106.1620, 4.3571, 2.4889



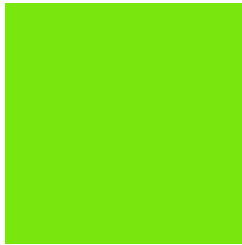
47.3160, 64.9202, 37.4339



13.5880, 18.4441, 10.8853

Previews

White Background



This preview shows how the YUV color 172.6710, -78.7178, -45.3155 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 172.6710, -78.7178, -45.3155 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 172.6710, -78.7178, -45.3155 Background



This preview shows how black text looks on a background with the YUV color 172.6710, -78.7178, -45.3155.



This preview shows how white text looks on a background with the YUV color 172.6710, -78.7178, -45.3155.

-45.3155.

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

172.6710, -78.7178, -45.3155

Protanopia

188.2190, -92.7920, 35.7649

Deuteranopia

195.5780, -70.2910, 52.1131



Tritanopia

196.8020, 16.8596, -41.0454

Trichromacy



Original Color

172.6710, -78.7178, -45.3155

Protanomaly

182.4110, -87.4636, 6.6556

Deuteranomaly

186.8480, -73.3821, 16.7963

Tritanomaly

188.0290, -17.7623, -42.9984

Monochromacy



Original Color

172.6710, -78.7178, -45.3155

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0340, -28.6108, -16.6928

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6710, -78.7178, -45.3155 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(121, 230, 13)` looks like.

```
.text, #text, p{  
    color:rgb(121, 230, 13)  
}
```

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(121, 230, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 230, 13) }
```

Border

The CSS property to change the border of an element to YUV 172.6710, -78.7178, -45.3155 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(121, 230, 13) }
```


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

```
.border{ border-color:rgb(121, 230, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 230, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 230, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 230, 13);  
box-shadow:4px 4px 4px 4px rgb(121, 230,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 172.6710, -78.7178, -45.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 230, 13) }
```

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

```
.background{ background-color: rgb(121,  
230, 13) }
```

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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