

Converting Colors

YUV(172.8590, 27.1845,
-39.3413)

Have a look what the booklet for
YUV(172.8590, 27.1845, -39.3413)
contains.

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Color

**YUV(172.8590, 27.1845,
-39.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	80B9E4
RGB	128, 185, 228
RGB Percent	50%, 73%, 89%
CMY	0.4980, 0.2745, 0.1059
CMYK	0.44, 0.19, 0.00, 0.11
HSL	206°, 65%, 70%
HSV	206°, 44%, 89%
XYZ	40.2546, 44.8886, 79.9415
YIQ	172.8590, -47.7750, 1.2890

Conversions

Conversions Part 2

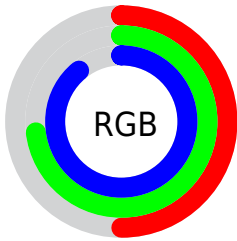
Format	Color
RYB	128, 164, 228
Decimal	8436196
CIELab	72.82, -7.35, -27.29
CIELCh	73, 28.264, 254.926
Yxy	44.8886, 0.2438, 0.2719
Android (android.graphics.Color)	4286626276 (0xFF80B9E4)
YUV	172.8590, 27.1845, -39.3413
Hunter-Lab	66.9989, -10.0008, -23.8442

Details

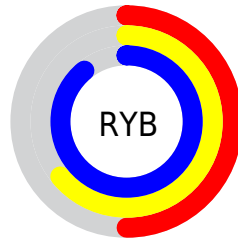
The YUV color **172.8590, 27.1845, -39.3413** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **183.1410, -27.1845, 39.3413**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.8520, 14.3700, -35.8272**, and **118.6200, 26.3163, -40.8857** is the 20% darker color. If you saturate the color by 10%, you get **160.1120, 33.4688, -48.3332**, and if you desaturate by 10%, it is **185.6060, 20.9002, -30.3495**.

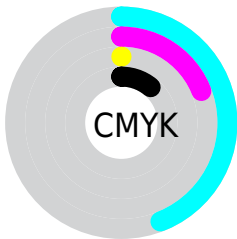
Distribution



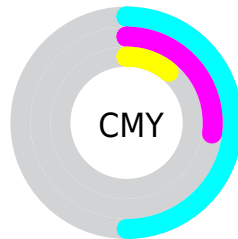
- Red (50%)
- Green (73%)
- Blue (89%)



- Red (50%)
- Yellow (64%)
- Blue (89%)



- Cyan (44%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8590, 27.1845, -39.3413 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 172.8590, 27.1845, -39.3413 by changing the saturation by 10% instead.

■ 172.8590, 27.1845,
-39.3413

■ 172.8590, 27.1845,
-39.3413

255.0000, 0.0000,
0.0000

■ 145.4460, 26.8951,
-39.8561

■ 225.8520, 14.3700,
-35.8272

■ 118.6200, 26.3163,
-40.8857

■ 242.4420, 6.1911,
-25.8206

■ 91.7120, 26.7640,
-44.4744

■ 251.4120, 1.7689,
-7.3773

■ 62.4010, 28.3963,
-54.7257

■ 46.0500, 24.1324,
-40.3858

■ 30.4000, 20.0158,
-26.6608

■ 16.0380, 15.7573,

-14.0653

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 172.8590, 27.1845,
-39.3413

■ 172.8590, 27.1845,
-39.3413

■ 160.1120, 33.4688,
-48.3332

■ 185.6060, 20.9002,
-30.3495

■ 147.3650, 39.7531,
-57.3251

■ 198.3530, 14.6160,
-21.3576

■ 135.5040, 45.6005,
-66.2170

■ 210.2140, 8.7685,
-12.4657

■ 122.7570, 51.8848,
-75.2089

■ 222.9610, 2.4842,
-3.4738

■ 110.0100, 58.1691,
-84.2008

■ 235.7080, -3.8000,
5.5181

■ 102.3020, 61.9691,
-89.7189

■ 245.4650, -8.6102,
8.3622

■ 251.3350,
-11.5042, 3.2142

■ 251.9220,
-11.7935, 2.6994

Harmonies

Analogous

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



167.3100, 23.0182, -56.3999



172.8590, 27.1845, -39.3413



179.2260, 24.0456, -12.4762

Triad

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



172.8590, 27.1845, -39.3413



182.0270, -7.4083, 42.9493



172.7750, -15.6651, -15.5887

Complementary

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



172.8590, 27.1845, -39.3413



183.1410, -27.1845, 39.3413

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.



175.8550, -23.5925, 7.1432



172.8590, 27.1845, -39.3413



180.1440, -18.3120, 40.2157

Square

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



172.8590, 27.1845, -39.3413



182.8870, 4.9857, 34.3021



178.7480, -24.5258, 26.5310



169.0740, -2.5015, -37.7759

Rectangle

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



172.8590, 27.1845, -39.3413



181.7830, 19.3340, 5.4523



178.7480, -24.5258, 26.5310



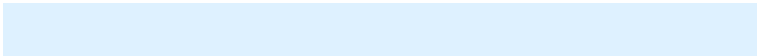
174.0210, -18.7444, -7.9114

Sweetspot

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



172.8590, 27.1845, -39.3413



236.9150, 8.9159, -13.0805



191.4880, -10.5936, -55.6790



116.4380, 5.7001, -8.2771



0.0000, 0.0000, 0.0000



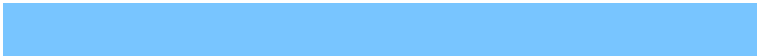
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.8590, 27.1845, -39.3413



180.5890, 36.6846, -53.1366



144.0960, 41.3647, -14.1162



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Inverse Universe

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



164.3980, 10.1568, 55.7790



169.1430, 13.7335, 75.2966



211.9040, -41.3647, 14.1162



107.3860, 1.2887, 6.6775



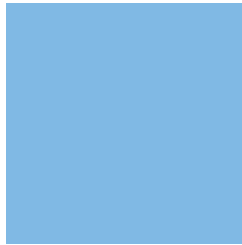
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 172.8590, 27.1845, -39.3413 looks on a white background.

Color Contrast Check

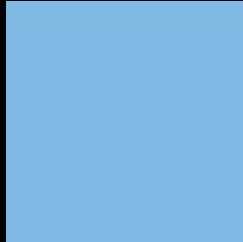
Large Text (above 18pt) WCAG AA × Fail

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 172.8590, 27.1845, -39.3413 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 172.8590, 27.1845, -39.3413

Background



This preview shows how black text looks on a background with the YUV color 172.8590, 27.1845, -39.3413.



This preview shows how white text looks on a background with the YUV color 172.8590, 27.1845, -39.3413.

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

172.8590, 27.1845, -39.3413

Protanopia

178.5530, 21.4194, -10.1320

Deuteranopia

178.8780, 25.2031, -10.4170



Tritanopia

170.3780, 16.5756, -43.3045

Trichromacy



Original Color

172.8590, 27.1845, -39.3413

Protanomaly

176.3560, 23.4885, -20.4832

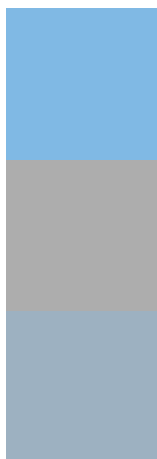
Deuteranomaly

176.9260, 25.6725, -20.9831

Tritanomaly

171.7140, 20.3540, -41.8452

Monochromacy



Original Color

172.8590, 27.1845, -39.3413

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.8440, 9.9369, -13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8590, 27.1845, -39.3413 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(128, 185, 228)` looks like.

```
.text, #text, p{  
    color:rgb(128, 185, 228)  
}
```

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(128, 185, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 185, 228) }
```

Border

The CSS property to change the border of an element to YUV 172.8590, 27.1845, -39.3413 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(128, 185, 228) }
```


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

```
.border{ border-color:rgb(128, 185, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 185, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 185, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 185, 228);  
box-shadow:4px 4px 4px 4px rgb(128, 185,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 172.8590, 27.1845, -39.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 185, 228) }
```

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

```
.background{ background-color: rgb(128,  
185, 228) }
```

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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