

Converting Colors

YUV(180.2010, 28.4949,
-39.6413)

Have a look what the booklet for
YUV(180.2010, 28.4949, -39.6413)
contains.

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Color

**YUV(180.2010, 28.4949,
-39.6413)**

Conversions

Conversions Part 1

Format	Color
Hex	87C0EE
RGB	135, 192, 238
RGB Percent	53%, 75%, 93%
CMY	0.4706, 0.2471, 0.0667
CMYK	0.43, 0.19, 0.00, 0.07
HSL	207°, 75%, 73%
HSV	207°, 43%, 93%
XYZ	44.2739, 49.0232, 88.0179
YIQ	180.2010, -48.7380, 2.2220

Conversions

Conversions Part 2

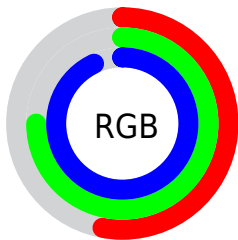
Format	Color
RYB	135, 172, 238
Decimal	8896750
CIELab	75.47, -6.66, -28.61
CIELCh	75, 29.374, 256.898
Yxy	49.0232, 0.2442, 0.2704
Android (android.graphics.Color)	4287086830 (0xFF87C0EE)
YUV	180.2010, 28.4949, -39.6413
Hunter-Lab	70.0166, -9.6572, -25.5219

Details

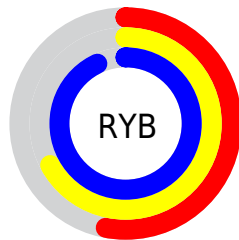
The YUV color **180.2010, 28.4949, -39.6413** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **192.7990, -28.4949, 39.6413**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.0540, 11.3124, -35.1274**, and **125.9620, 27.6267, -41.1857** is the 20% darker color. If you saturate the color by 10%, you get **166.5680, 35.2160, -48.7331**, and if you desaturate by 10%, it is **193.8340, 21.7738, -30.5494**.

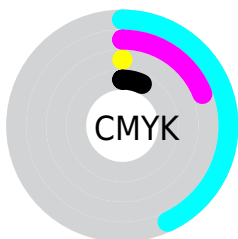
Distribution



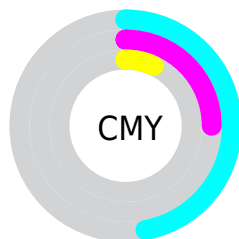
- Red (53%)
- Green (75%)
- Blue (93%)



- Red (53%)
- Yellow (67%)
- Blue (93%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (47%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2010, 28.4949, -39.6413 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 180.2010, 28.4949, -39.6413 by changing the saturation by 10% instead.

■ 180.2010, 28.4949,
-39.6413

■ 180.2010, 28.4949,
-39.6413

■ 255.0000, 0.0000,
0.0000

■ 152.7880, 28.2055,
-40.1561

■ 232.0540, 11.3124,
-35.1274

■ 125.9620, 27.6267,
-41.1857

■ 244.8340, 5.0118,
-20.9024

■ 98.6520, 27.7796,
-43.5448

■ 253.8040, 0.5896,
-2.4591

■ 68.4440, 29.8541,
-55.6404

■ 50.5980, 26.3272,
-44.3744

■ 34.8340, 21.7738,
-30.5494

■ 20.4720, 17.5153,

-17.9539

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 180.2010, 28.4949,
-39.6413

■ 180.2010, 28.4949,
-39.6413

■ 166.5680, 35.2160,
-48.7331

■ 193.8340, 21.7738,
-30.5494

■ 153.5220, 41.6477,
-58.3398

■ 206.8800, 15.3422,
-20.9428

■ 140.1880, 48.2213,
-66.8169

■ 220.2140, 8.7685,
-12.4657

■ 126.5550, 54.9424,
-75.9087

■ 233.8470, 2.0474,
-3.3738

■ 113.5090, 61.3741,
-85.5154

■ 246.8930, -4.3842,
6.2328

■ 104.6160, 65.7583,
-91.7482

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



173.8690, 25.2076, -58.6441



180.2010, 28.4949, -39.6413



186.4650, 24.9138, -10.9318

Triad

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



180.2010, 28.4949, -39.6413



188.9950, -8.8715, 45.6084



179.4650, -15.5122, -17.9478

Complementary

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



180.2010, 28.4949, -39.6413



192.7990, -28.4949, 39.6413

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.



183.0290, -24.1713, 6.1136



180.2010, 28.4949, -39.6413



187.5140, -19.4804, 41.6452

Square

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



180.2010, 28.4949, -39.6413



190.0830, 4.3961, 36.7612



185.5200, -25.3994, 26.7310



175.3940, -1.1802, -41.5645

Rectangle

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



180.2010, 28.4949, -39.6413



189.2070, 19.6179, 7.7115



185.5200, -25.3994, 26.7310



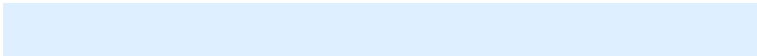
180.5970, -19.0283, -10.1706

Sweetspot

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



180.2010, 28.4949, -39.6413



236.3280, 9.2053, -12.5657



200.5910, -10.1514, -57.5233



115.8510, 5.9895, -7.7623



0.0000, 0.0000, 0.0000



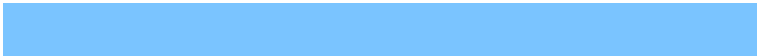
128.0000, 0.0000, 0.0000

Same Dimension

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



180.2010, 28.4949, -39.6413



180.6000, 36.6792, -51.3922



150.8510, 42.9645, -13.9013



112.8900, 3.5052, -4.2885



80.8500, 50.8529, -70.9055



24.5810, 15.4896, -21.5575

Inverse Universe

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



172.2950, 9.7146, 57.6233



170.2030, 12.7179, 74.3670



222.1490, -42.9645, 13.9013



112.2720, 0.8519, 6.7775



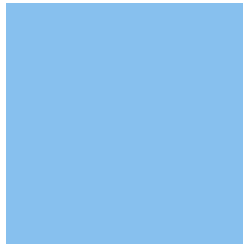
66.6440, 17.4305, 102.9212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 180.2010, 28.4949, -39.6413 looks on a white background.

Color Contrast Check

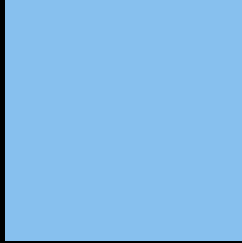
Large Text (above 18pt) WCAG AA × Fail

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 180.2010, 28.4949, -39.6413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

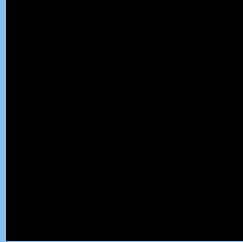
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.2010, 28.4949, -39.6413

Background



This preview shows how black text looks on a background with the YUV color 180.2010, 28.4949, -39.6413.



This preview shows how white text looks on a background with the YUV color 180.2010, 28.4949, -39.6413.

-39.6413.

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

180.2010, 28.4949, -39.6413

Protanopia

185.5960, 22.8772, -11.0467

Deuteranopia

186.2200, 26.5135, -10.7169



Tritanopia

178.0790, 16.7231, -43.9193

Trichromacy



Original Color

180.2010, 28.4949, -39.6413

Protanomaly

183.3990, 24.9463, -21.3979

Deuteranomaly

184.2680, 26.9829, -21.2830

Tritanomaly

178.8280, 20.7908, -41.9452

Monochromacy



Original Color

180.2010, 28.4949, -39.6413

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2010, 28.4949, -39.6413 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(135, 192, 238)` looks like.

```
.text, #text, p{  
    color:rgb(135, 192, 238)  
}
```

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(135, 192, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 192, 238) }
```

Border

The CSS property to change the border of an element to YUV 180.2010, 28.4949, -39.6413 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

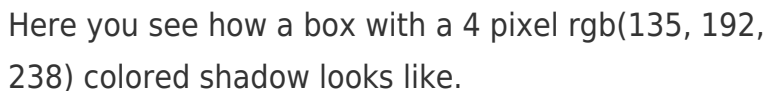
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 192, 238) }
```


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

```
.border{ border-color:rgb(135, 192, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 192, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 192, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 192, 238); box-shadow:4px 4px 4px 4px rgb(135, 192, 238) }
```

Background

The CSS property to change the background color of an element to YUV 180.2010, 28.4949, -39.6413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 192, 238) }
```

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

```
.background{ background-color: rgb(135,  
192, 238) }
```

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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