

Converting Colors

YUV(178.6120, -61.9267,
29.2813)

Have a look what the booklet for
YUV(178.6120, -61.9267, 29.2813)
contains.

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Color

**YUV(178.6120, -61.9267,
29.2813)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BA35
RGB	212, 186, 53
RGB Percent	83%, 73%, 21%
CMY	0.1686, 0.2706, 0.7922
CMYK	0.00, 0.12, 0.75, 0.17
HSL	50°, 65%, 52%
HSV	50°, 75%, 83%
XYZ	45.3529, 49.3719, 10.5075
YIQ	178.6120, 58.1890, -35.8510

Conversions

Conversions Part 2

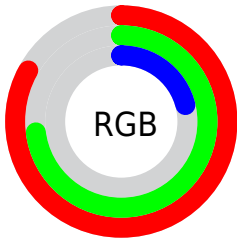
Format	Color
R _Y B	84, 212, 53
Decimal	13941301
CIE Lab	75.68, -4.47, 66.34
CIE LCh	76, 66.486, 93.853
Yxy	49.3719, 0.4310, 0.4692
Android (android.graphics.Color)	4292131381 (0xFFD4BA35)
YUV	178.6120, -61.9267, 29.2813
Hunter-Lab	70.2651, -7.7505, 40.3193

Details

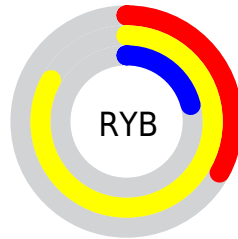
The YUV color **178.6120, -61.9267, 29.2813** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted orange. A complement of this color would be **86.3880, 61.9267, -29.2813**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7250, -60.0104, 21.2892**, and **123.8180, -61.0423, 25.5926** is the 20% darker color. If you saturate the color by 10%, you get **174.4570, -70.2313, 32.9252**, and if you desaturate by 10%, it is **182.7670, -53.6221, 25.6373**.

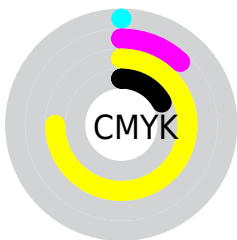
Distribution



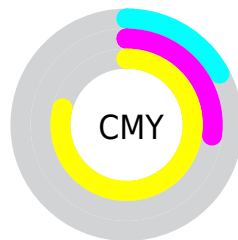
- Red (83%)
- Green (73%)
- Blue (21%)



- Red (33%)
- Yellow (83%)
- Blue (21%)



- Cyan (0%)
- Magenta (12%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.6120, -61.9267, 29.2813 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 178.6120, -61.9267, 29.2813 by changing the saturation by 10% instead.

■ 178.6120,
-61.9267, 29.2813

■ 178.6120,
-61.9267, 29.2813

■ 255.0000, 0.0000,
0.0000

■ 149.8030,
-64.9789, 28.2368

■ 230.7250,
-60.0104, 21.2892

■ 123.8180,
-61.0423, 25.5926

■ 241.5480,
-51.5422, 11.7974

■ 100.7710,
-49.6801, 21.2488

■ 244.7400,
-39.3118, 8.9980

■ 78.3110, -38.6073,
16.3903

■ 247.9320,
-27.0815, 6.1986

■ 56.7370, -27.9713,
11.6317

■ 251.2380,
-14.4143, 3.2993

■ 36.6360, -18.0615,
6.4582

■ 254.5440, -1.7472,

■ 17.1220, -8.4411,

0.3999

0.7700

■ 0.0000, 0.0000,
0.0000

■ 178.6120,
-61.9267, 29.2813

■ 178.6120,
-61.9267, 29.2813

■ 174.4570,
-70.2313, 32.9252

■ 182.7670,
-53.6221, 25.6373

■ 169.7150,
-78.2465, 37.0839

■ 187.5090,
-45.6069, 21.4786

■ 167.2870,
-82.4725, 39.2133

■ 191.7780,
-36.8656, 17.7347

■ 196.5200,
-28.8504, 13.5760

■ 200.6750,
-20.5458, 9.9320

■ 205.4170,
-12.5306, 5.7733

■ 209.5720, -4.2260,
2.1294

■ 214.4280, 4.2260,
-2.1294

■ 218.5830, 12.5306,
-5.7733

Harmonies

Analogous

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



180.3620, -52.4365, 65.4575



178.6120, -61.9267, 29.2813



172.0170, -46.3504, -20.1859

Triad

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



178.6120, -61.9267, 29.2813



155.0470, 48.2908, -135.9762



187.1870, 27.0228, 59.4720

Complementary

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



178.6120, -61.9267, 29.2813



86.3880, 61.9267, -29.2813

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.



186.6000, 33.7212, 10.8748



178.6120, -61.9267, 29.2813



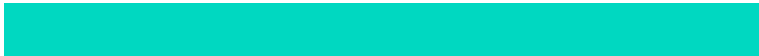
150.5790, 51.4796, -132.0578

Square

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



178.6120, -61.9267, 29.2813



148.7940, 21.7936, -130.4923



159.4260, 47.1180, -86.3196



173.1890, 3.8508, 71.7482

Rectangle

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



178.6120, -61.9267, 29.2813



163.7310, -25.9964, -62.0311



159.4260, 47.1180, -86.3196



191.5710, 31.2705, 50.3652

Sweetspot

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



178.6120, -61.9267, 29.2813



242.4040, -22.8772, 11.0467



103.6190, -11.6442, 95.0501



120.3740, -13.9884, 6.6880



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.



178.6120, -61.9267, 29.2813



206.4740, -89.4667, 42.5573



178.0270, -61.6383, -16.6867



104.5720, -4.2260, 2.1294



135.0700, -66.5895, 31.5106



33.9890, -16.7566, 7.9026

Inverse Universe

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



86.3880, 61.9267, -29.2813



73.5260, 89.4667, -42.5573



86.9730, 61.6383, 16.6867



98.4280, 4.2260, -2.1294



35.9300, 66.5895, -31.5106



9.0110, 16.7566, -7.9026

Previews

White Background



This preview shows how the YUV color 178.6120, -61.9267, 29.2813 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 178.6120, -61.9267, 29.2813 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 178.6120, -61.9267, 29.2813

Background



This preview shows how black text looks on a background with the YUV color 178.6120, -61.9267, 29.2813.

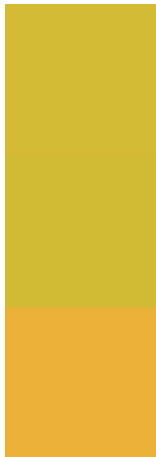


This preview shows how white text looks on a background with the YUV color 178.6120, -61.9267, 29.2813.

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

178.6120, -61.9267, 29.2813

Protanopia

178.3020, -61.7739, 26.9221

Deuteranopia

180.3630, -60.8180, 47.0396



Tritanopia

189.8340, -1.3972, 28.2096

Trichromacy



Original Color

178.6120, -61.9267, 29.2813

Protanomaly

178.6010, -61.9213, 27.5369

Deuteranomaly

179.6180, -60.9437, 40.6770

Tritanomaly

185.4000, -23.3682, 28.5902

Monochromacy



Original Color

178.6120, -61.9267, 29.2813

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1050, -22.7298, 10.4319

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.6120, -61.9267, 29.2813 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(212, 186, 53)` looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 53)  
}
```

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(212, 186, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 53) }
```

Border

The CSS property to change the border of an element to YUV 178.6120, -61.9267, 29.2813 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(212, 186, 53) }
```


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

```
.border{ border-color:rgb(212, 186, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 53);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 178.6120, -61.9267, 29.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 53) }
```

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

```
.background{ background-color: rgb(212,  
186, 53) }
```

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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