

Converting Colors

YUV(225.5290, 11.0782,
-6.6029)

Have a look what the booklet for
YUV(225.5290, 11.0782, -6.6029)
contains.

YUV(225.5290, 11.0782, -6.6029)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(225.5290, 11.0782,
-6.6029)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE1F8
RGB	218, 225, 248
RGB Percent	85%, 88%, 97%
CMY	0.1451, 0.1176, 0.0275
CMYK	0.12, 0.09, 0.00, 0.03
HSL	226°, 68%, 91%
HSV	226°, 12%, 97%
XYZ	72.7819, 75.5332, 99.5503
YIQ	225.5290, -11.5550, 5.6690

Conversions

Conversions Part 2

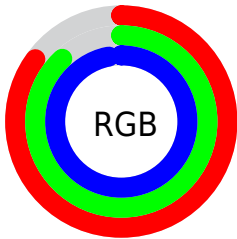
Format	Color
R _Y B	218, 224, 248
Decimal	14344696
CIE Lab	89.64, 2.08, -11.97
CIE LCh	90, 12.153, 279.871
Yxy	75.5332, 0.2936, 0.3047
Android (android.graphics.Color)	4292534776 (0xFFDAE1F8)
YUV	225.5290, 11.0782, -6.6029
Hunter-Lab	86.9098, -2.6088, -7.0765

Details

The YUV color $225.5290, 11.0782, -6.6029$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $240.4710, -11.0782, 6.6029$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.4150, 10.6414, -6.5030$ is the 20% darker color. If you saturate the color by 10%, you get $206.9010, 20.2618, -12.1912$, and if you desaturate by 10%, it is $244.1570, 1.8946, -1.0147$.

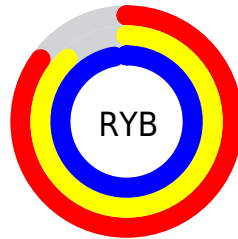
Distribution



Red (85%)

Green (88%)

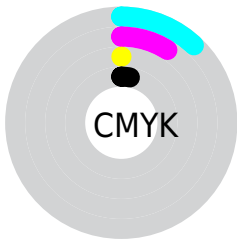
Blue (97%)



Red (85%)

Yellow (88%)

Blue (97%)

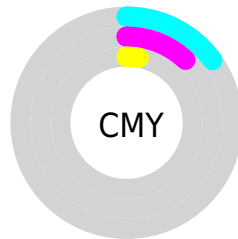


Cyan (12%)

Magenta (9%)

Yellow (0%)

Black (3%)



Cyan (15%)

Magenta (12%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.5290, 11.0782, -6.6029 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 225.5290, 11.0782, -6.6029 by changing the saturation by 10% instead.

■ 225.5290, 11.0782,
-6.6029

■ 225.5290, 11.0782,
-6.6029

255.0000, 0.0000,
0.0000

■ 197.4150, 10.6414,
-6.5030

■ 170.4150, 10.6414,
-6.5030

■ 143.6000, 10.0572,
-5.7882

■ 118.1870, 9.7678,
-6.3030

■ 93.1870, 9.7678,
-6.3030

■ 69.9590, 8.8942,
-6.1030

■ 46.9590, 8.8942,

-6.1030

■ 26.4320, 8.1680,
-6.5179

■ 3.2090, 9.7570,
-2.8143

■ 225.5290, 11.0782,
-6.6029

■ 225.5290, 11.0782,
-6.6029

■ 206.9010, 20.2618,
-12.1912

■ 244.1570, 1.8946,
-1.0147

■ 188.2730, 29.4454,
-17.7794

■ 254.2020, -3.0576,
0.6998

■ 169.9440, 38.4816,
-22.7529

■ 151.3160, 47.6652,
-28.3411

■ 132.6880, 56.8488,
-33.9294

■ 114.0600, 66.0324,
-39.5176

■ 95.4320, 75.2160,
-45.1059

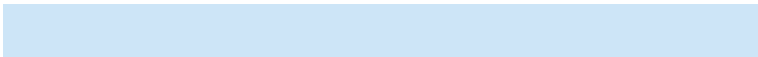
■ 77.1030, 84.2522,
-50.0793

■ 62.3180, 91.5412,
-54.6529

Harmonies

Analogous

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



223.8760, 11.4001, -16.5543



225.5290, 11.0782, -6.6029



226.7970, 7.9881, 4.5630

Triad

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



225.5290, 11.0782, -6.6029



227.3570, -8.0640, 19.8579



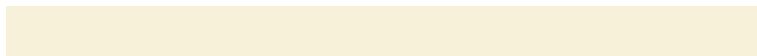
222.2170, -2.5720, -15.0993

Complementary

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



225.5290, 11.0782, -6.6029



240.4710, -11.0782, 6.6029

Split Complementary

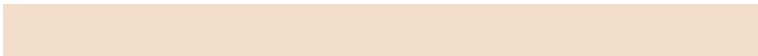
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.2030, -7.9881, -4.5630



225.5290, 11.0782, -6.6029



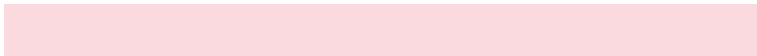
226.2270, -10.9579, 14.7099

Square

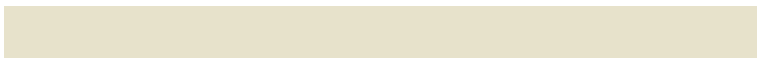
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.5290, 11.0782, -6.6029



228.0240, -2.9698, 19.2730



224.8730, -10.7834, 5.3734



221.4920, 3.7014, -20.6025

Rectangle

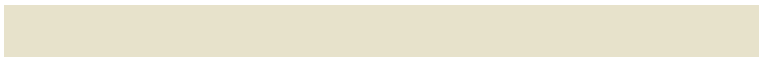
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.5290, 11.0782, -6.6029



227.6300, 4.6194, 11.7255



224.8730, -10.7834, 5.3734



222.3700, -4.6194, -11.7255

Sweetspot

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



225.5290, 11.0782, -6.6029



247.3140, 3.7892, -2.0294



238.2320, 1.3646, -17.7435



122.9720, 2.4788, -1.7294



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.



225.5290, 11.0782, -6.6029



226.6150, 13.9938, -8.4324



223.8120, 11.9247, 1.9189



115.2430, 4.8102, -2.8441



47.3740, 69.8216, -41.5470



15.1720, 22.5932, -13.3058

Inverse Universe

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



227.7680, -1.3646, 17.7435



229.3880, -1.6703, 22.4617



242.1880, -11.9247, -1.9189



116.2290, -0.6059, 7.6922



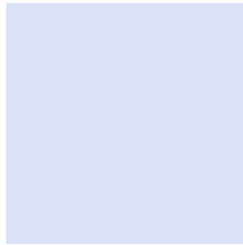
61.5270, -8.6408, 111.7938



19.8350, -2.8767, 36.1017

Previews

White Background



This preview shows how the YUV color 225.5290, 11.0782, -6.6029 looks on a white background.

Color Contrast Check

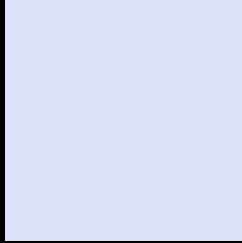
Large Text (above 18pt) WCAG AA × Fail

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 225.5290, 11.0782, -6.6029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

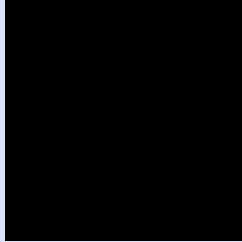
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 225.5290, 11.0782, -6.6029

Background



This preview shows how black text looks on a background with the YUV color 225.5290, 11.0782, -6.6029.



This preview shows how white text looks on a background with the YUV color 225.5290, 11.0782, -6.6029.

-6.6029.

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

225.5290, 11.0782, -6.6029

Protanopia

226.3230, 10.1938, -2.9143

Deuteranopia

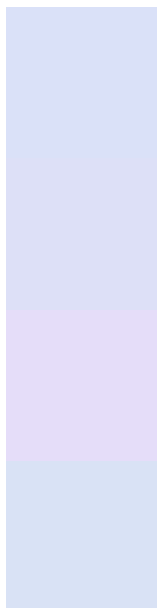
227.5030, 10.5980, 7.4519



Tritanopia

225.3610, 9.1890, -7.3326

Trichromacy



Original Color

225.5290, 11.0782, -6.6029

Protanomaly

225.7250, 10.4886, -4.1438

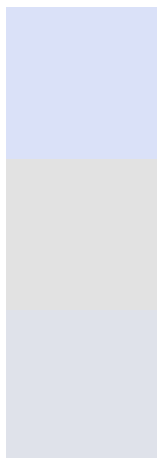
Deuteranomaly

226.5840, 11.0511, 2.1188

Tritanomaly

225.4750, 9.6258, -7.4326

Monochromacy



Original Color

225.5290, 11.0782, -6.6029

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.0150, 3.9366, -2.6442

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.5290, 11.0782, -6.6029 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(218, 225, 248)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 248)  
}
```

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(218, 225, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 248) }
```

Border

The CSS property to change the border of an element to YUV 225.5290, 11.0782, -6.6029 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(218, 225, 248) }
```


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

```
.border{ border-color:rgb(218, 225, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 225, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 225, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 225, 248); box-shadow:4px 4px 4px 4px rgb(218, 225, 248) }
```

Background

The CSS property to change the background color of an element to YUV 225.5290, 11.0782, -6.6029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 248) }
```

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

```
.background{ background-color: rgb(218,  
225, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor