

Converting Colors

YUV(216.2090, 6.3060,
-15.9693)

Have a look what the booklet for
YUV(216.2090, 6.3060, -15.9693)
contains.

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Color

**YUV(216.2090, 6.3060,
-15.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DFE5
RGB	198, 223, 229
RGB Percent	78%, 87%, 90%
CMY	0.2235, 0.1255, 0.1020
CMYK	0.14, 0.03, 0.00, 0.10
HSL	192°, 37%, 84%
HSV	192°, 14%, 90%
XYZ	63.8192, 70.4383, 84.3611
YIQ	216.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

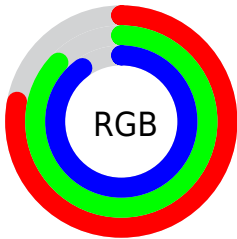
Format	Color
R _Y B	198, 212, 229
Decimal	13033445
CIE Lab	87.21, -7.04, -5.74
CIE LCh	87, 9.088, 219.182
Yxy	70.4383, 0.2919, 0.3222
Android (android.graphics.Color)	4291223525 (0xFFC6DFE5)
YUV	216.2090, 6.3060, -15.9693
Hunter-Lab	83.9275, -11.1401, -0.8470

Details

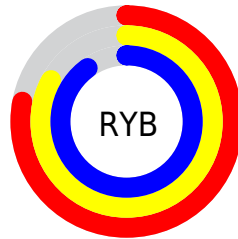
The YUV color $216.2090, 6.3060, -15.9693$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.7910, -6.3060, 15.9693$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.5080, 6.1586, -15.3545$ is the 20% darker color. If you saturate the color by 10%, you get $206.9840, 10.8539, -28.0500$, and if you desaturate by 10%, it is $225.4340, 1.7580, -3.8886$.

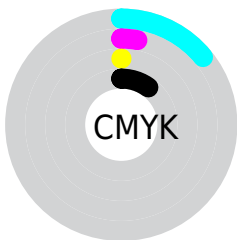
Distribution



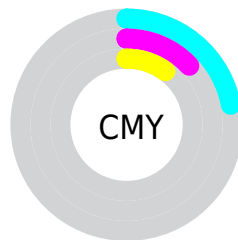
- Red (78%)
- Green (87%)
- Blue (90%)



- Red (78%)
- Yellow (83%)
- Blue (90%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.2090, 6.3060, -15.9693 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 216.2090, 6.3060, -15.9693 by changing the saturation by 10% instead.

■ 216.2090, 6.3060,
-15.9693

■ 216.2090, 6.3060,
-15.9693

255.0000, 0.0000,
0.0000

■ 188.5080, 6.1586,
-15.3545

■ 161.5080, 6.1586,
-15.3545

■ 134.8070, 6.0111,
-14.7397

■ 109.6930, 5.5744,
-14.6398

■ 84.9920, 5.4269,
-14.0250

■ 61.9920, 5.4269,
-14.0250

■ 39.8780, 4.9901,

-13.9250

■ 18.2800, 5.2850,
-15.1546

■ 0.2280, 0.8736,
-0.2000

■ 216.2090, 6.3060,
-15.9693

■ 216.2090, 6.3060,
-15.9693

■ 206.9840, 10.8539,
-28.0500

■ 225.4340, 1.7580,
-3.8886

■ 197.1720, 15.6912,
-39.6158

■ 235.2460, -3.0793,
7.6773

■ 187.9470, 20.2391,
-51.6965

■ 240.8830, -5.8583,
12.3806

■ 178.1350, 25.0764,
-63.2624

■ 243.8180, -7.3053,
9.8066

■ 169.2090, 29.4770,
-74.7283

■ 246.1660, -8.4628,
7.7474

■ 159.3970, 34.3143,
-86.2942

■ 249.1010, -9.9098,
5.1734

■ 150.1720, 38.8622,
-98.3748

■ 251.4490,
-11.0674, 3.1142

■ 140.9470, 43.4101,
-110.4555

■ 252.0360,
-11.3567, 2.5994

■ 134.7010, 46.4894,
-118.1328

Harmonies

Analogous

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



215.8840, 2.5222, -15.6843



216.2090, 6.3060, -15.9693



217.1000, 8.3317, -12.3657

Triad

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



216.2090, 6.3060, -15.9693



220.0490, 2.4408, 10.4810



218.2580, -8.0152, 4.1587

Complementary

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



216.2090, 6.3060, -15.9693



210.7910, -6.3060, 15.9693

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.



219.3020, -8.0369, 11.1361



216.2090, 6.3060, -15.9693



220.5180, -2.2274, 14.4547

Square

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



216.2090, 6.3060, -15.9693



219.6290, 6.0989, 3.8334



220.1930, -6.0111, 14.7397



216.7840, -5.8095, -3.3186

Rectangle

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



216.2090, 6.3060, -15.9693



217.9480, 8.8996, -7.8474



220.1930, -6.0111, 14.7397



218.4540, -8.6048, 6.6178

Sweetspot

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



216.2090, 6.3060, -15.9693



250.8360, 2.0529, -5.1182



216.8810, -6.3503, -16.5586



124.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000



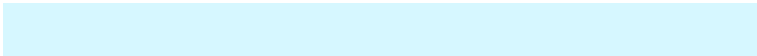
128.0000, 0.0000, 0.0000

Same Dimension

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



216.2090, 6.3060, -15.9693



238.0450, 8.3588, -21.0875



207.4040, 10.6468, -8.2473



110.2380, 2.3477, -6.3477



104.9340, 36.5145, -92.0271



29.8810, 10.4117, -26.2056

Inverse Universe

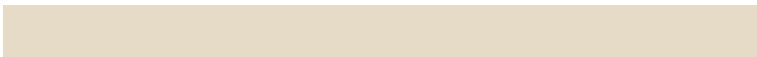
The Inverse Universe completely reimagines the original color for something new.



210.1190, 6.3503, 16.5586



230.0210, 8.3706, 21.9066



219.5960, -10.6468, 8.2473



107.7280, 2.5991, 6.3775



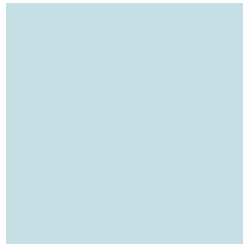
69.9370, 36.5131, 95.6483



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 216.2090, 6.3060, -15.9693 looks on a white background.

Color Contrast Check

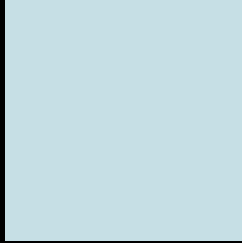
Large Text (above 18pt) WCAG AA × Fail

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 216.2090, 6.3060, -15.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

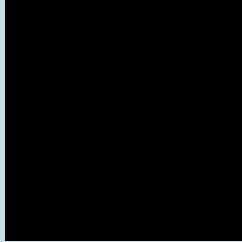
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

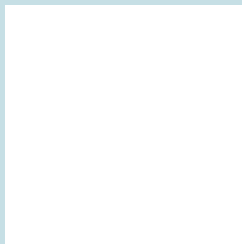
Any Text WCAG AAA ✓ Pass

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

YUV 216.2090, 6.3060, -15.9693 Background



This preview shows how black text looks on a background with the YUV color 216.2090, 6.3060, -15.9693.



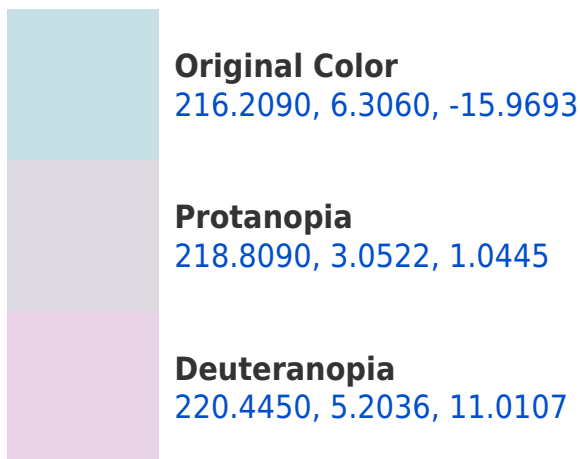
This preview shows how white text looks on a background with the YUV color 216.2090, 6.3060,

-15.9693.

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

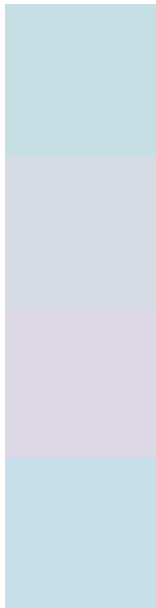




Tritanopia

216.7730, 10.9579, -14.7099

Trichromacy



Original Color

216.2090, 6.3060, -15.9693

Protanomaly

217.7050, 4.0894, -5.0033

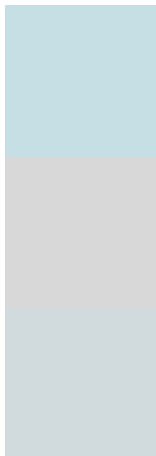
Deuteranomaly

218.7920, 5.5255, 1.0594

Tritanomaly

216.6050, 9.0687, -15.4396

Monochromacy



Original Color

216.2090, 6.3060, -15.9693

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.2090, 6.3060, -15.9693 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(198, 223, 229)` looks like.

```
.text, #text, p{  
    color:rgb(198, 223, 229)  
}
```

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(198, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 223, 229) }
```

Border

The CSS property to change the border of an element to YUV 216.2090, 6.3060, -15.9693 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(198, 223, 229) }
```


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

```
.border{ border-color:rgb(198, 223, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 223, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(198, 223,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 216.2090, 6.3060, -15.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 223, 229) }
```

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

```
.background{ background-color: rgb(198,  
223, 229) }
```

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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