

Converting Colors

YUV(214.2790, 6.7645,
-23.0467)

Have a look what the booklet for
YUV(214.2790, 6.7645, -23.0467)
contains.

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Color

**YUV(214.2790, 6.7645,
-23.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE1E4
RGB	188, 225, 228
RGB Percent	74%, 88%, 89%
CMY	0.2627, 0.1176, 0.1059
CMYK	0.18, 0.01, 0.00, 0.11
HSL	184°, 43%, 82%
HSV	184°, 18%, 89%
XYZ	61.6678, 70.1432, 83.6875
YIQ	214.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

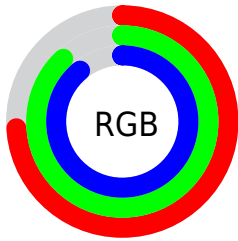
Format	Color
R _Y B	188, 207, 228
Decimal	12378596
CIE Lab	87.07, -11.40, -5.50
CIE LCh	87, 12.656, 205.759
Yxy	70.1432, 0.2862, 0.3255
Android (android.graphics.Color)	4290568676 (0xFFBCE1E4)
YUV	214.2790, 6.7645, -23.0467
Hunter-Lab	83.7516, -15.1323, -0.6186

Details

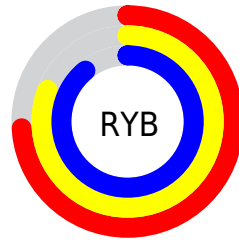
The YUV color $214.2790, 6.7645, -23.0467$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $201.7210, -6.7645, 23.0467$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $159.5780, 6.6170, -22.4319$ is the 20% darker color. If you saturate the color by 10%, you get $206.2280, 10.7336, -36.1570$, and if you desaturate by 10%, it is $222.3300, 2.7953, -9.9364$.

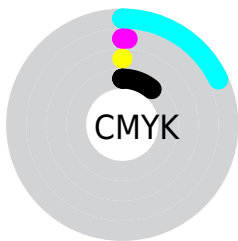
Distribution



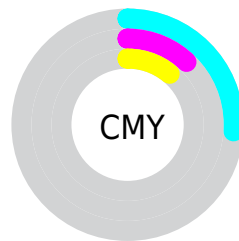
- Red (74%)
- Green (88%)
- Blue (89%)



- Red (74%)
- Yellow (81%)
- Blue (89%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.2790, 6.7645, -23.0467 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 214.2790, 6.7645, -23.0467 by changing the saturation by 10% instead.

■ 214.2790, 6.7645,
-23.0467

■ 214.2790, 6.7645,
-23.0467

255.0000, 0.0000,
0.0000

■ 186.5780, 6.6170,
-22.4319

■ 252.0100, 1.4741,
-6.1478

■ 159.5780, 6.6170,
-22.4319

■ 132.8770, 6.4696,
-21.8171

■ 107.7630, 6.0328,
-21.7172

■ 83.1760, 6.3222,
-21.2024

■ 59.4750, 6.1748,
-20.5876

■ 36.5780, 6.6170,

-22.4319

■ 19.1550, 4.8536,
-16.7989

■ 0.1140, 0.4368,
-0.1000

■ 214.2790, 6.7645,
-23.0467

■ 214.2790, 6.7645,
-23.0467

■ 206.2280, 10.7336,
-36.1570

■ 222.3300, 2.7953,
-9.9364

■ 198.7640, 14.4133,
-49.7820

■ 229.7940, -0.8844,
3.6887

■ 191.0120, 18.2351,
-62.2775

■ 237.2470, -4.5588,
15.5694

■ 182.9610, 22.2042,
-75.3878

■ 238.4210, -5.1376,
14.5398

■ 174.9100, 26.1734,
-88.4981

■ 239.5950, -5.7163,
13.5102

■ 167.4460, 29.8531,
-102.1231

■ 240.1820, -6.0057,
12.9954

■ 159.3950, 33.8223,
-115.2334

■ 241.3560, -6.5845,
11.9658

■ 151.6430, 37.6440,
-127.7289

■ 242.5300, -7.1633,
10.9362

■ 149.8490, 38.5284,
-131.4176

■ 243.1170, -7.4527,
10.4214

Harmonies

Analogous

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



214.1070, 0.9332, -19.3878



214.2790, 6.7645, -23.0467



215.3270, 10.6848, -20.4578

Triad

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



214.2790, 6.7645, -23.0467



220.2600, 5.7878, 10.2960



218.2650, -11.9626, 10.2916

Complementary

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



214.2790, 6.7645, -23.0467



201.7210, -6.7645, 23.0467

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.



219.4770, -10.0952, 17.9987



214.2790, 6.7645, -23.0467



220.7080, -0.3490, 18.6731

Square

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



214.2790, 6.7645, -23.0467



219.3340, 10.1883, -1.1699



219.9380, -5.8854, 21.1024



216.9540, -10.3303, 0.0403

Rectangle

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



214.2790, 6.7645, -23.0467



216.7020, 11.9789, -15.5247



219.9380, -5.8854, 21.1024



218.4010, -11.5367, 13.6803

Sweetspot

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



214.2790, 6.7645, -23.0467



250.5260, 2.2057, -7.4773



211.8220, -10.2652, -20.8919



125.0210, 1.4686, -4.4034



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.



214.2790, 6.7645, -23.0467



236.5060, 9.1175, -31.1388



202.5390, 12.5523, -12.7507



110.8250, 2.0583, -6.8625



117.2610, 30.4373, -102.8379



33.4030, 8.6753, -29.2944

Inverse Universe

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



204.1780, 10.2652, 20.8919



222.8460, 13.8799, 28.1991



213.4610, -12.5523, 12.7507



107.8420, 3.0359, 6.2776



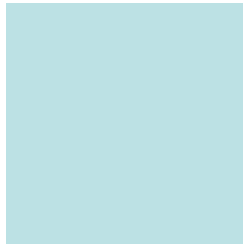
72.3310, 45.6858, 93.5487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 214.2790, 6.7645, -23.0467 looks on a white background.

Color Contrast Check

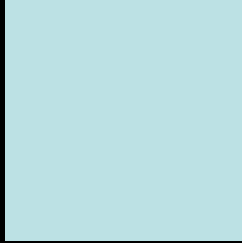
Large Text (above 18pt) WCAG AA × Fail

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 214.2790, 6.7645, -23.0467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

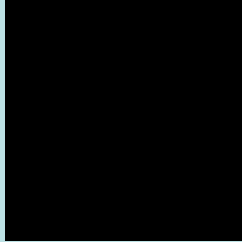
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

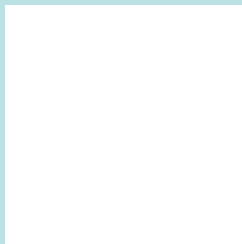
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 214.2790, 6.7645, -23.0467

Background



This preview shows how black text looks on a background with the YUV color 214.2790, 6.7645, -23.0467.



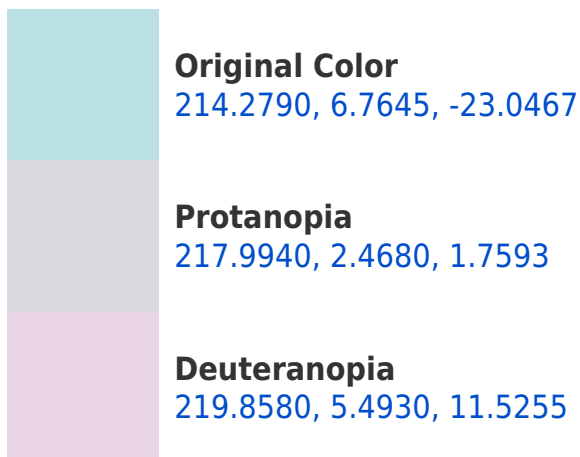
This preview shows how white text looks on a background with the YUV color 214.2790, 6.7645, -23.0467.

-23.0467.

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

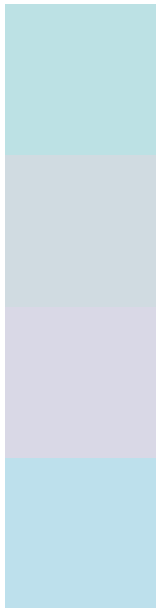




Tritanopia

215.1850, 12.7268, -22.0872

Trichromacy



Original Color

214.2790, 6.7645, -23.0467

Protanomaly

216.3950, 4.2423, -7.3624

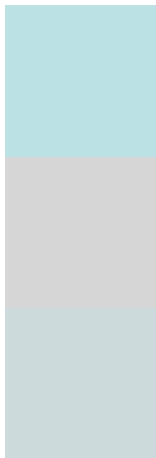
Deuteranomaly

217.8950, 5.9678, -0.7849

Tritanomaly

214.9030, 10.4008, -22.7169

Monochromacy



Original Color

214.2790, 6.7645, -23.0467

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

214.2270, 2.3531, -8.0921

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.2790, 6.7645, -23.0467 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(188, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 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(188, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 228) }
```

Border

The CSS property to change the border of an element to YUV 214.2790, 6.7645, -23.0467 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(188, 225, 228) }
```


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

```
.border{ border-color:rgb(188, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(188, 225,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 214.2790, 6.7645, -23.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 228) }
```

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

```
.background{ background-color: rgb(188,  
225, 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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