

Converting Colors

YUV(218.3150, -4.5923,
-20.4473)

Have a look what the booklet for
YUV(218.3150, -4.5923, -20.4473)
contains.

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Color

**YUV(218.3150, -4.5923,
-20.4473)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E8D1
RGB	195, 232, 209
RGB Percent	76%, 91%, 82%
CMY	0.2353, 0.0902, 0.1804
CMYK	0.16, 0.00, 0.10, 0.09
HSL	143°, 45%, 84%
HSV	143°, 16%, 91%
XYZ	62.8709, 73.9188, 71.2757
YIQ	218.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

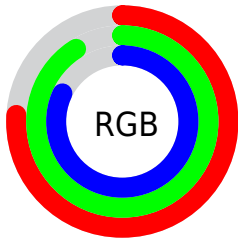
Format	Color
RYB	195, 222, 232
Decimal	12839121
CIELab	88.88, -16.43, 7.18
CIElCh	89, 17.933, 156.404
Yxy	73.9188, 0.3022, 0.3553
Android (android.graphics.Color)	4291029201 (0xFFC3E8D1)
YUV	218.3150, -4.5923, -20.4473
Hunter-Lab	85.9760, -19.9280, 11.0307

Details

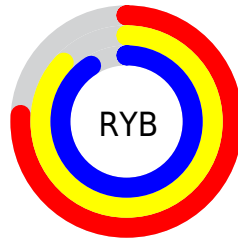
The YUV color **218.3150, -4.5923, -20.4473** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.6850, 4.5923, 20.4473**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.1030, 0.4422, -1.8443**, and **163.1410, -4.0135, -19.4177** is the 20% darker color. If you saturate the color by 10%, you get **209.8420, -7.3171, -33.1874**, and if you desaturate by 10%, it is **226.7880, -1.8675, -7.7071**.

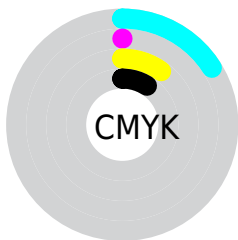
Distribution



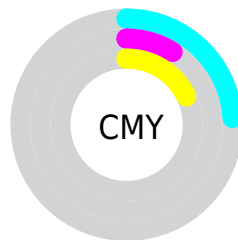
- Red (76%)
- Green (91%)
- Blue (82%)



- Red (76%)
- Yellow (87%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3150, -4.5923, -20.4473 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 218.3150, -4.5923, -20.4473 by changing the saturation by 10% instead.

■ 218.3150, -4.5923,
-20.4473

■ 218.3150, -4.5923,
-20.4473

255.0000, 0.0000,
0.0000

■ 190.6140, -4.7397,
-19.8325

■ 254.1030, 0.4422,
-1.8443

■ 163.1410, -4.0135,
-19.4177

■ 137.1410, -4.0135,
-19.4177

■ 111.5540, -3.7241,
-18.9029

■ 86.8530, -3.8715,
-18.2881

■ 63.3800, -3.1453,
-17.8733

■ 40.7930, -2.8559,

-17.3585

■ 19.7930, -2.8559,
-17.3585

■ 0.0000, 0.0000,
0.0000

■ 218.3150, -4.5923,
-20.4473

■ 218.3150, -4.5923,
-20.4473

■ 209.8420, -7.3171,
-33.1874

■ 226.7880, -1.8675,
-7.7071

■ 201.2550,
-10.4787, -45.8276

■ 235.3750, 1.2941,
4.9331

■ 192.4830,
-13.0561, -59.1826

■ 241.1570, 5.3456,
12.1403

■ 183.8960,
-16.2177, -71.8228

■ 241.4990, 6.6560,
11.8404

■ 175.4230,
-18.9425, -84.5630

■ 166.8360,
-22.1041, -97.2032

■ 158.3630,
-24.8290, -109.9434

■ 149.5910,
-27.4064, -123.2983

■ 146.2160,
-28.7005, -128.2314

Harmonies

Analogous

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



220.0520, -12.3506, -5.3076



218.3150, -4.5923, -20.4473



216.9530, 4.4602, -30.6538

Triad

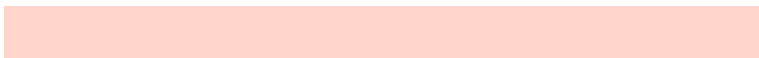
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.3150, -4.5923, -20.4473



222.4620, 16.0412, -11.8062



224.5320, -10.1223, 26.7204

Complementary

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



218.3150, -4.5923, -20.4473



208.6850, 4.5923, 20.4473

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.



225.1820, -2.5547, 26.1504



218.3150, -4.5923, -20.4473



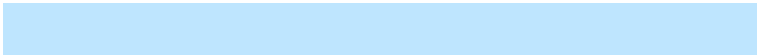
225.6490, 12.4980, 4.6928

Square

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



218.3150, -4.5923, -20.4473



220.1890, 16.6688, -26.4758



226.5000, 5.1765, 19.7325



224.3050, -15.9264, 21.6575

Rectangle

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



218.3150, -4.5923, -20.4473



217.4240, 10.1440, -33.6978



226.5000, 5.1765, 19.7325



224.5150, -7.6489, 26.7353

Sweetspot

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



218.3150, -4.5923, -20.4473



250.2010, -1.5781, -7.1923



223.5960, -14.0978, -4.9077



125.0380, -1.0047, -4.4183



0.0000, 0.0000, 0.0000



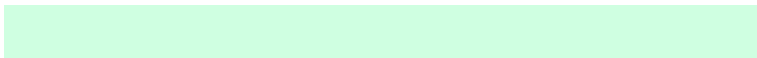
128.0000, 0.0000, 0.0000

Same Dimension

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



218.3150, -4.5923, -20.4473



237.2280, -6.0284, -26.5100



220.3670, 3.2701, -22.2469



110.6140, -1.2887, -6.6775



112.8250, -22.0987, -98.9475



32.1030, -6.4598, -28.1543

Inverse Universe

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



208.6850, 4.5923, 20.4473



224.7720, 6.0284, 26.5100



206.6330, -3.2701, 22.2469



107.3860, 1.2887, 6.6775



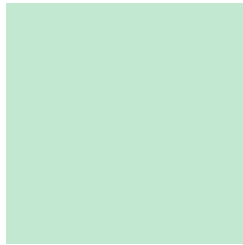
66.1750, 22.0987, 98.9475



18.8970, 6.4598, 28.1543

Previews

White Background



This preview shows how the YUV color 218.3150, -4.5923, -20.4473 looks on a white background.

Color Contrast Check

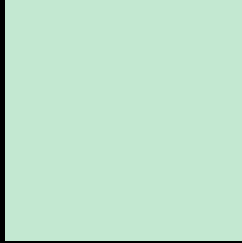
Large Text (above 18pt) WCAG AA × Fail

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 218.3150, -4.5923, -20.4473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

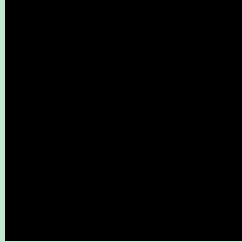
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

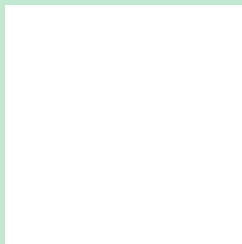
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.3150, -4.5923, -20.4473

Background



This preview shows how black text looks on a background with the YUV color 218.3150, -4.5923, -20.4473.



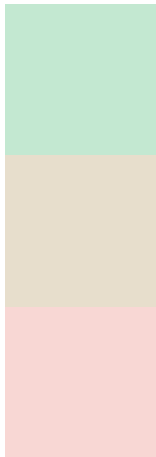
This preview shows how white text looks on a background with the YUV color 218.3150, -4.5923, -20.4473.

-20.4473.

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

218.3150, -4.5923, -20.4473

Protanopia

222.6390, -9.1890, 7.3326

Deuteranopia

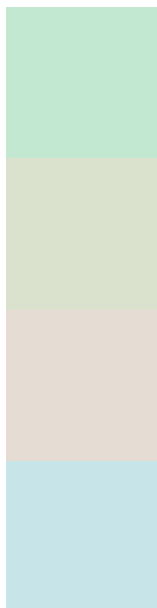
224.5250, -6.1748, 20.5876



Tritanopia

221.2780, 11.6949, -17.7838

Trichromacy



Original Color

218.3150, -4.5923, -20.4473

Protanomaly

221.3280, -7.5567, -2.9187

Deuteranomaly

222.2520, -5.5472, 5.9180

Tritanomaly

220.3720, 5.7326, -18.7432

Monochromacy



Original Color

218.3150, -4.5923, -20.4473

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2010, -1.5781, -7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3150, -4.5923, -20.4473 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(195, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(195, 232, 209)  
}
```

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(195, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 232, 209) }
```

Border

The CSS property to change the border of an element to YUV 218.3150, -4.5923, -20.4473 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(195, 232, 209) }
```


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

```
.border{ border-color:rgb(195, 232, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 232, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(195, 232,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 218.3150, -4.5923, -20.4473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 232, 209) }
```

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

```
.background{ background-color: rgb(195,  
232, 209) }
```

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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