

Converting Colors

YUV(200.8230, 18.3283,
-45.4488)

Have a look what the booklet for
YUV(200.8230, 18.3283, -45.4488)
contains.

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Color

**YUV(200.8230, 18.3283,
-45.4488)**

Conversions

Conversions Part 1

Format	Color
Hex	95DCEE
RGB	149, 220, 238
RGB Percent	58%, 86%, 93%
CMY	0.4157, 0.1373, 0.0667
CMYK	0.37, 0.08, 0.00, 0.07
HSL	192°, 72%, 76%
HSV	192°, 37%, 93%
XYZ	53.4202, 63.7490, 90.3782
YIQ	200.8230, -48.0940, -9.4540

Conversions

Conversions Part 2

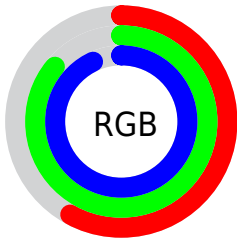
Format	Color
RYB	149, 188, 238
Decimal	9821422
CIELab	83.83, -17.69, -15.83
CIELCh	84, 23.742, 221.817
Yxy	63.7490, 0.2574, 0.3072
Android (android.graphics.Color)	4288011502 (0xFF95DCEE)
YUV	200.8230, 18.3283, -45.4488
Hunter-Lab	79.8430, -20.2969, -11.2232

Details

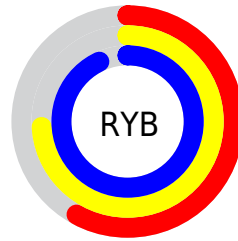
The YUV color **200.8230, 18.3283, -45.4488** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186.1770, -18.3283, 45.4488**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, 7.2229, -30.1241**, and **145.4100, 18.0389, -45.9636** is the 20% darker color. If you saturate the color by 10%, you get **190.7120, 23.3130, -57.6294**, and if you desaturate by 10%, it is **210.9340, 13.3435, -33.2681**.

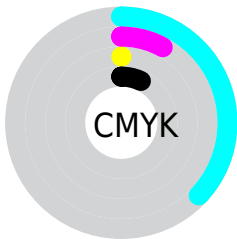
Distribution



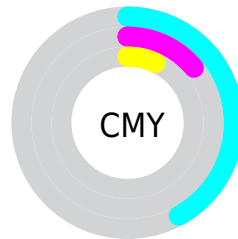
- Red (58%)
- Green (86%)
- Blue (93%)



- Red (58%)
- Yellow (74%)
- Blue (93%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8230, 18.3283, -45.4488 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 200.8230, 18.3283, -45.4488 by changing the saturation by 10% instead.

■ 200.8230, 18.3283,
-45.4488

■ 200.8230, 18.3283,
-45.4488

■ 255.0000, 0.0000,
0.0000

■ 172.8230, 18.3283,
-45.4488

■ 240.3490, 7.2229,
-30.1241

■ 145.4100, 18.0389,
-45.9636

■ 249.0200, 2.9481,
-12.2955

■ 118.1110, 18.1863,
-46.5783

■ 91.2030, 18.6339,
-50.1670

■ 63.5120, 19.9606,
-55.7000

■ 47.2750, 16.1334,
-41.4602

■ 31.1520, 12.7431,

-27.3203

■ 17.4910, 8.6319,
-15.3396

■ 1.3680, 5.2416,
-1.1997

■ 200.8230, 18.3283,
-45.4488

■ 200.8230, 18.3283,
-45.4488

■ 190.7120, 23.3130,
-57.6294

■ 210.9340, 13.3435,
-33.2681

■ 180.6010, 28.2977,
-69.8101

■ 221.0450, 8.3588,
-21.0875

■ 171.3760, 32.8456,
-81.8908

■ 230.2700, 3.8109,
-9.0068

■ 161.2650, 37.8304,
-94.0714

■ 240.3810, -1.1738,
3.1739

■ 151.1540, 42.8151,
-106.2521

■ 246.6050, -4.2423,
7.3624

■ 141.0430, 47.7998,
-118.4327

■ 249.5400, -5.6892,
4.7884

■ 138.6620, 48.9736,
-121.6066

■ 252.4750, -7.1362,
2.2144

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

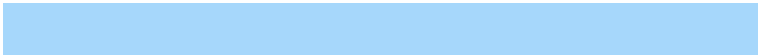
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



199.9020, 8.4293, -43.7641



200.8230, 18.3283, -45.4488



204.4530, 22.9477, -33.7233

Triad

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



200.8230, 18.3283, -45.4488



213.2560, 5.2968, 27.8395



206.9630, -20.6878, 8.8024

Complementary

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



200.8230, 18.3283, -45.4488



186.1770, -18.3283, 45.4488

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.



209.6600, -21.0314, 25.7312



200.8230, 18.3283, -45.4488



212.4500, -5.6448, 37.3164

Square

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



200.8230, 18.3283, -45.4488



211.9640, 14.8077, 10.5556



210.9200, -15.2436, 36.0272



204.7370, -14.6603, -11.1703

Rectangle

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



200.8230, 18.3283, -45.4488



208.0140, 22.1781, -20.1833



210.9200, -15.2436, 36.0272



208.0670, -21.7250, 14.8502

Sweetspot

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



200.8230, 18.3283, -45.4488



243.1060, 5.8637, -14.1250



203.2950, -17.8934, -47.6167



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



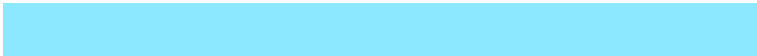
128.0000, 0.0000, 0.0000

Same Dimension

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



200.8230, 18.3283, -45.4488



207.1140, 23.6078, -58.8590



174.9950, 31.0615, -22.7976



114.6510, 2.6371, -5.8329



106.6780, 38.1197, -93.5566



32.7990, 11.4381, -28.7647

Inverse Universe

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



183.7050, 17.8934, 47.6167



184.8730, 23.2336, 61.5014



212.0050, -31.0615, 22.7976



112.6140, 2.1623, 6.4775



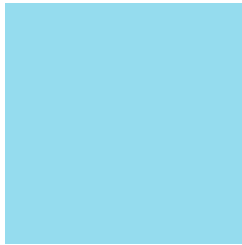
71.6600, 36.6496, 98.5222



21.8740, 11.4011, 29.9285

Previews

White Background



This preview shows how the YUV color 200.8230, 18.3283, -45.4488 looks on a white background.

Color Contrast Check

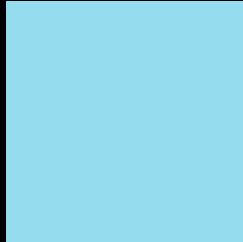
Large Text (above 18pt) WCAG AA × Fail

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 200.8230, 18.3283, -45.4488 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 200.8230, 18.3283, -45.4488

Background



This preview shows how black text looks on a background with the YUV color 200.8230, 18.3283, -45.4488.



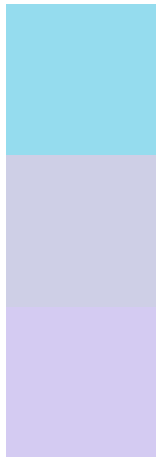
This preview shows how white text looks on a background with the YUV color 200.8230, 18.3283, -45.4488.

-45.4488.

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

200.8230, 18.3283, -45.4488

Protanopia

209.3230, 10.1938, -2.9143

Deuteranopia

210.1370, 15.7085, 1.6339



Tritanopia

200.8230, 18.3283, -45.4488

Trichromacy



Original Color

200.8230, 18.3283, -45.4488

Protanomaly

206.3210, 13.1527, -18.6985

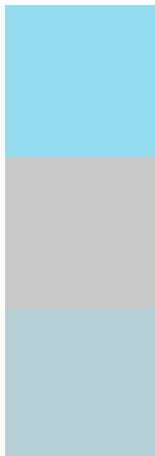
Deuteranomaly

206.6680, 16.9257, -15.4948

Tritanomaly

200.8230, 18.3283, -45.4488

Monochromacy



Original Color

200.8230, 18.3283, -45.4488

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8230, 18.3283, -45.4488 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(149, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(149, 220, 238)  
}
```

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(149, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 220, 238) }
```

Border

The CSS property to change the border of an element to YUV 200.8230, 18.3283, -45.4488 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(149, 220, 238) }
```


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

```
.border{ border-color:rgb(149, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(149, 220,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 200.8230, 18.3283, -45.4488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 220, 238) }
```

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

```
.background{ background-color: rgb(149,  
220, 238) }
```

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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