

Converting Colors

YUV(208.9980, 16.2700,
-38.5862)

Have a look what the booklet for
YUV(208.9980, 16.2700, -38.5862)
contains.

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Color

**YUV(208.9980, 16.2700,
-38.5862)**

Conversions

Conversions Part 1

Format	Color
Hex	A5E1F2
RGB	165, 225, 242
RGB Percent	65%, 88%, 95%
CMY	0.3529, 0.1176, 0.0510
CMYK	0.32, 0.07, 0.00, 0.05
HSL	193°, 75%, 80%
HSV	193°, 32%, 95%
XYZ	58.4693, 68.2606, 94.0983
YIQ	208.9980, -41.2170, -7.4330

Conversions

Conversions Part 2

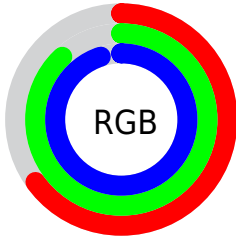
Format	Color
R _Y B	165, 199, 242
Decimal	10871282
CIE Lab	86.14, -15.00, -14.41
CIE LCh	86, 20.801, 223.834
Yxy	68.2606, 0.2648, 0.3091
Android (android.graphics.Color)	4289061362 (0xFFA5E1F2)
YUV	208.9980, 16.2700, -38.5862
Hunter-Lab	82.6200, -18.2623, -9.6932

Details

The YUV color $208.9980, 16.2700, -38.5862$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $198.0020, -16.2700, 38.5862$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.1330, 4.8644, -20.2876$, and $153.8840, 15.8332, -38.4863$ is the 20% darker color. If you saturate the color by 10%, you get $198.8870, 21.2547, -50.7669$, and if you desaturate by 10%, it is $219.1090, 11.2853, -26.4056$.

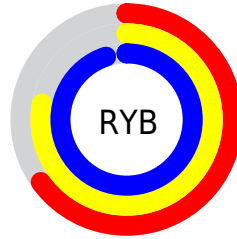
Distribution



Red (65%)

Green (88%)

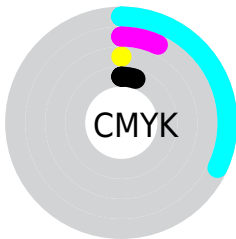
Blue (95%)



Red (65%)

Yellow (78%)

Blue (95%)

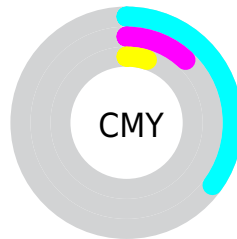


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (12%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.9980, 16.2700, -38.5862 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 208.9980, 16.2700, -38.5862 by changing the saturation by 10% instead.

■ 208.9980, 16.2700,
-38.5862

■ 208.9980, 16.2700,
-38.5862

255.0000, 0.0000,
0.0000

■ 180.9980, 16.2700,
-38.5862

■ 245.1330, 4.8644,
-20.2876

■ 153.8840, 15.8332,
-38.4863

■ 253.8040, 0.5896,
-2.4591

■ 126.8840, 15.8332,
-38.4863

■ 100.5850, 15.9806,
-39.1010

■ 74.9760, 16.2808,
-42.0750

■ 49.9650, 16.2863,
-43.8193

■ 34.4290, 12.6065,

-30.1942

■ 20.1810, 8.7848,
-17.6987

■ 2.5250, 7.1362,
-2.2144

■ 208.9980, 16.2700,
-38.5862

■ 208.9980, 16.2700,
-38.5862

■ 198.8870, 21.2547,
-50.7669

■ 219.1090, 11.2853,
-26.4056

■ 188.1890, 26.5288,
-62.4328

■ 229.8070, 6.0111,
-14.7397

■ 177.7790, 31.6610,
-75.2282

■ 240.2170, 0.8790,
-1.9443

■ 167.6680, 36.6457,
-87.4088

■ 248.2350, -3.0739,
5.9329

■ 156.9700, 41.9198,
-99.0747

■ 251.7570, -4.8102,
2.8441

■ 146.8590, 46.9045,
-111.2553

■ 253.5180, -5.6784,
1.2997

■ 138.5310, 51.0102,
-121.4917

Harmonies

Analogous

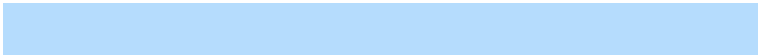
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.1200, 7.8288, -37.8162



208.9980, 16.2700, -38.5862



212.1010, 20.1632, -27.2756

Triad

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



208.9980, 16.2700, -38.5862



219.4900, 3.7024, 25.8803



213.6360, -18.0615, 6.4582

Complementary

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



208.9980, 16.2700, -38.5862



198.0020, -16.2700, 38.5862

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.



216.2080, -18.8365, 21.7426



208.9980, 16.2700, -38.5862



218.4170, -5.6286, 32.0833

Square

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



208.9980, 16.2700, -38.5862



218.6820, 12.4818, 9.9259



217.8270, -14.2117, 31.7237



211.7200, -12.1870, -11.1554

Rectangle

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



208.9980, 16.2700, -38.5862



214.6510, 19.3991, -15.4799



217.8270, -14.2117, 31.7237



214.4410, -18.9514, 11.8912

Sweetspot

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



208.9980, 16.2700, -38.5862



244.0030, 5.4215, -12.2806



212.1370, -14.8575, -41.3391



120.8680, 3.5161, -7.7772



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.



208.9980, 16.2700, -38.5862



213.6700, 20.3757, -48.8226



186.6920, 27.2668, -19.0239



114.6510, 2.6371, -5.8329



104.9170, 38.9879, -92.0122



32.2120, 11.7275, -28.2499

Inverse Universe

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



194.8630, 14.8575, 41.3391



195.6670, 18.8982, 52.0350



220.3080, -27.2668, 19.0239



112.6140, 2.1623, 6.4775



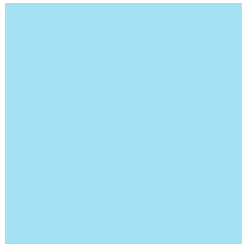
71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 208.9980, 16.2700, -38.5862 looks on a white background.

Color Contrast Check

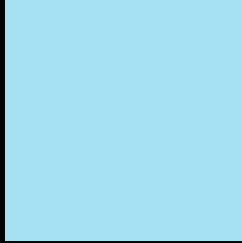
Large Text (above 18pt) WCAG AA × Fail

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 208.9980, 16.2700, -38.5862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

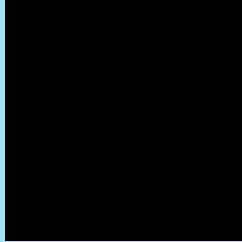
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 208.9980, 16.2700, -38.5862

Background



This preview shows how black text looks on a background with the YUV color 208.9980, 16.2700, -38.5862.



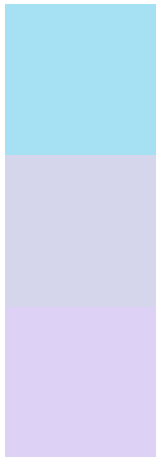
This preview shows how white text looks on a background with the YUV color 208.9980, 16.2700, -38.5862.

-38.5862.

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

208.9980, 16.2700, -38.5862

Protanopia

215.5080, 9.6096, -2.1995

Deuteranopia

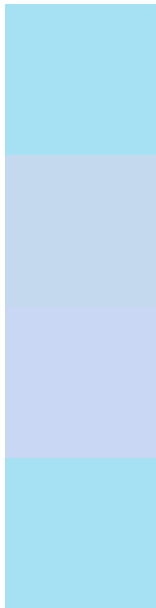
216.6920, 13.9558, 3.7781



Tritanopia

209.1120, 16.7068, -38.6862

Trichromacy



Original Color

208.9980, 16.2700, -38.5862

Protanomaly

213.1150, 12.2683, -15.0099

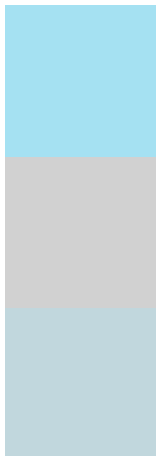
Deuteranomaly

214.1200, 14.7308, -11.5062

Tritanomaly

209.1120, 16.7068, -38.6862

Monochromacy



Original Color

208.9980, 16.2700, -38.5862

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.9980, 16.2700, -38.5862 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(165, 225, 242)` looks like.

```
.text, #text, p{  
    color:rgb(165, 225, 242)  
}
```

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(165, 225, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 225, 242) }
```

Border

The CSS property to change the border of an element to YUV 208.9980, 16.2700, -38.5862 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(165, 225, 242) }
```


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

```
.border{ border-color:rgb(165, 225, 242) }
```

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

Here you see how a box with a 4 pixel rgb(165, 225, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 225, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 225, 242);  
box-shadow:4px 4px 4px 4px rgb(165, 225,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 208.9980, 16.2700, -38.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 225, 242) }
```

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

```
.background{ background-color: rgb(165,  
225, 242) }
```

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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