

Converting Colors

YUV(209.3520, 16.0955,
-29.2497)

Have a look what the booklet for
YUV(209.3520, 16.0955, -29.2497)
contains.

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Color

**YUV(209.3520, 16.0955,
-29.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	B0DCF2
RGB	176, 220, 242
RGB Percent	69%, 86%, 95%
CMY	0.3098, 0.1373, 0.0510
CMYK	0.27, 0.09, 0.00, 0.05
HSL	200°, 72%, 82%
HSV	200°, 27%, 95%
XYZ	59.5247, 66.8273, 93.7661
YIQ	209.3520, -33.2860, -2.4860

Conversions

Conversions Part 2

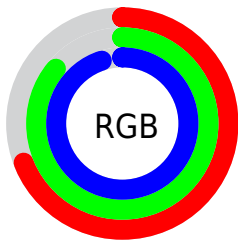
Format	Color
R_{YB}	176, 202, 242
Decimal	11590898
CIE _{Lab}	85.42, -9.36, -15.42
CIE _{LCh}	85, 18.040, 238.752
Yxy	66.8273, 0.2704, 0.3036
Android (android.graphics.Color)	4289780978 (0xFFB0DCF2)
YUV	209.3520, 16.0955, -29.2497
Hunter-Lab	81.7480, -13.0843, -10.7829

Details

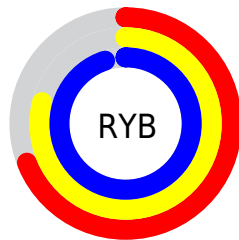
The YUV color $209.3520, 16.0955, -29.2497$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $208.6480, -16.0955, 29.2497$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4220, 3.2430, -13.5251$, and $154.5370, 15.5113, -28.5349$ is the 20% darker color. If you saturate the color by 10%, you get $197.4800, 21.9484, -39.8860$, and if you desaturate by 10%, it is $221.2240, 10.2426, -18.6134$.

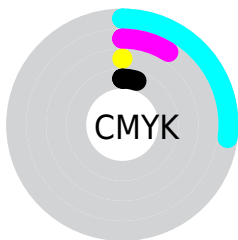
Distribution



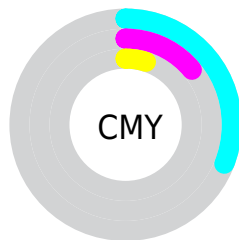
- Red (69%)
- Green (86%)
- Blue (95%)



- Red (69%)
- Yellow (79%)
- Blue (95%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (14%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3520, 16.0955, -29.2497 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 209.3520, 16.0955, -29.2497 by changing the saturation by 10% instead.

■ 209.3520, 16.0955,
-29.2497

■ 209.3520, 16.0955,
-29.2497

255.0000, 0.0000,
0.0000

■ 181.6510, 15.9481,
-28.6349

■ 248.4220, 3.2430,
-13.5251

■ 154.5370, 15.5113,
-28.5349

■ 128.4230, 15.0745,
-28.4350

■ 102.4230, 15.0745,
-28.4350

■ 77.5970, 14.4957,
-29.4646

■ 52.1020, 15.2327,
-32.5385

■ 32.0810, 13.7641,

-28.1350

■ 17.8330, 9.9423,
-15.6395

■ 2.5250, 7.1362,
-2.2144

■ 209.3520, 16.0955,
-29.2497

■ 209.3520, 16.0955,
-29.2497

■ 197.4800, 21.9484,
-39.8860

■ 221.2240, 10.2426,
-18.6134

■ 185.6080, 27.8013,
-50.5222

■ 233.0960, 4.3897,
-7.9772

■ 173.4370, 33.8016,
-61.7732

■ 245.2670, -1.6106,
3.2738

■ 161.5650, 39.6545,
-72.4095

■ 251.7570, -4.8102,
2.8441

■ 149.6930, 45.5074,
-83.0458

■ 253.5180, -5.6784,
1.2997

■ 137.8210, 51.3602,
-93.6820

■ 125.9490, 57.2131,
-104.3183

■ 122.0950, 59.1132,
-107.0773

Harmonies

Analogous

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



207.5380, 10.5808, -33.7978



209.3520, 16.0955, -29.2497



212.3690, 17.0731, -16.1096

Triad

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



209.3520, 16.0955, -29.2497



216.9370, -0.9549, 26.3653



210.7320, -13.6719, -1.5190

Complementary

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



209.3520, 16.0955, -29.2497



208.6480, -16.0955, 29.2497

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.



213.1360, -16.3360, 13.0357



209.3520, 16.0955, -29.2497



216.1840, -8.9647, 28.7796

Square

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



209.3520, 16.0955, -29.2497



216.3470, 7.2239, 16.3587



214.9570, -14.7688, 23.7167



208.7670, -6.7871, -16.4587

Rectangle

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



209.3520, 16.0955, -29.2497



214.3920, 15.5827, -4.7288



214.9570, -14.7688, 23.7167



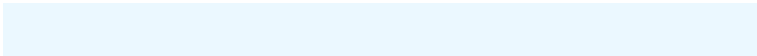
212.0100, -15.2879, 3.4992

Sweetspot

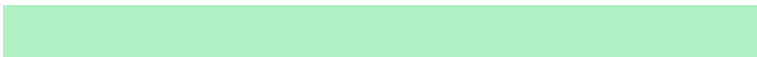
The Sweet Spot groups the original color and five complimentary colors.



209.3520, 16.0955, -29.2497



244.9110, 4.9739, -8.6919



217.2500, -9.4902, -36.1763



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



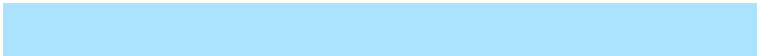
128.0000, 0.0000, 0.0000

Same Dimension

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



209.3520, 16.0955, -29.2497



213.4480, 20.4851, -37.2269



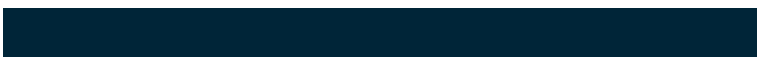
190.5680, 25.3560, -12.7761



114.0640, 2.9264, -5.3181



92.5900, 45.0651, -81.2014



28.1030, 13.7532, -24.6463

Inverse Universe

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



200.7500, 9.4902, 36.1762



202.5000, 12.0785, 46.0425



228.0190, -25.6454, 12.2613



112.5000, 1.7255, 6.5775



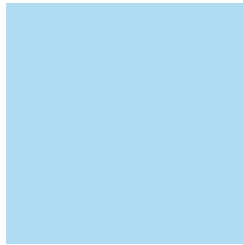
68.9240, 26.1665, 100.9217



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 209.3520, 16.0955, -29.2497 looks on a white background.

Color Contrast Check

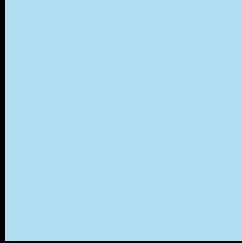
Large Text (above 18pt) WCAG AA × Fail

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 209.3520, 16.0955, -29.2497 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 209.3520, 16.0955, -29.2497

Background



This preview shows how black text looks on a background with the YUV color 209.3520, 16.0955, -29.2497.



This preview shows how white text looks on a background with the YUV color 209.3520, 16.0955, -29.2497.

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

209.3520, 16.0955, -29.2497

Protanopia

213.5510, 11.0674, -3.1142

Deuteranopia

215.5070, 14.5400, 3.0634



Tritanopia

209.1840, 14.2063, -29.9794

Trichromacy



Original Color

209.3520, 16.0955, -29.2497

Protanomaly

211.9520, 12.8417, -12.2359

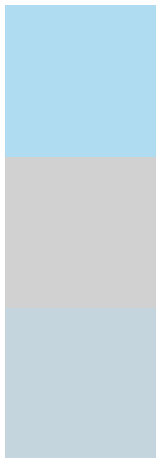
Deuteranomaly

212.9570, 15.3042, -8.7323

Tritanomaly

209.2980, 14.6431, -30.0793

Monochromacy



Original Color

209.3520, 16.0955, -29.2497

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1280, 5.8529, -10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3520, 16.0955, -29.2497 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(176, 220, 242)` looks like.

```
.text, #text, p{  
    color:rgb(176, 220, 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(176, 220, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 220, 242) }
```

Border

The CSS property to change the border of an element to YUV 209.3520, 16.0955, -29.2497 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(176, 220, 242) }
```


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

```
.border{ border-color:rgb(176, 220, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 220, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 220, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 220, 242);  
box-shadow:4px 4px 4px 4px rgb(176, 220,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 209.3520, 16.0955, -29.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 220, 242) }
```

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

```
.background{ background-color: rgb(176,  
220, 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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