

Converting Colors

YUV(212.5260, 15.5167,
-30.2793)

Have a look what the booklet for
YUV(212.5260, 15.5167, -30.2793)
contains.

YUV(212.5260, 15.5167, -30.2793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.5260, 15.5167,
-30.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E0F4
RGB	178, 224, 244
RGB Percent	70%, 88%, 96%
CMY	0.3020, 0.1216, 0.0431
CMYK	0.27, 0.08, 0.00, 0.04
HSL	198°, 75%, 83%
HSV	198°, 27%, 96%
XYZ	61.3449, 69.3079, 95.7325
YIQ	212.5260, -33.8360, -3.5320

Conversions

Conversions Part 2

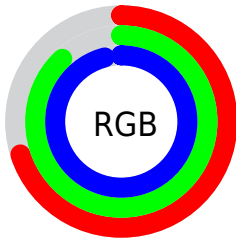
Format	Color
R _Y B	178, 205, 244
Decimal	11722996
CIE Lab	86.66, -10.39, -14.61
CIE LCh	87, 17.922, 234.588
Yxy	69.3079, 0.2710, 0.3062
Android (android.graphics.Color)	4289913076 (0xFFB2E0F4)
YUV	212.5260, 15.5167, -30.2793
Hunter-Lab	83.2514, -14.1599, -9.9028

Details

The YUV color $212.5260, 15.5167, -30.2793$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $209.4740, -15.5167, 30.2793$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0200, 2.9481, -12.2955$, and $157.7110, 14.9325, -29.5645$ is the 20% darker color. If you saturate the color by 10%, you get $201.2410, 21.0802, -41.4304$, and if you desaturate by 10%, it is $223.8110, 9.9532, -19.1282$.

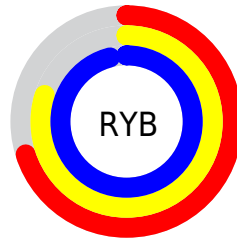
Distribution



Red (70%)

Green (88%)

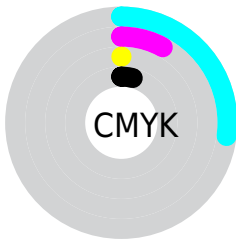
Blue (96%)



Red (70%)

Yellow (80%)

Blue (96%)

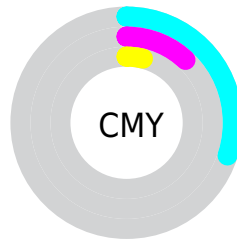


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.5260, 15.5167, -30.2793 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 212.5260, 15.5167, -30.2793 by changing the saturation by 10% instead.

■ 212.5260, 15.5167,
-30.2793

■ 212.5260, 15.5167,
-30.2793

255.0000, 0.0000,
0.0000

■ 184.8250, 15.3693,
-29.6645

■ 249.0200, 2.9481,
-12.2955

■ 157.7110, 14.9325,
-29.5645

■ 130.7110, 14.9325,
-29.5645

■ 105.5970, 14.4957,
-29.4646

■ 80.1840, 14.2063,
-29.9794

■ 55.2760, 14.6539,
-33.5681

■ 34.0700, 13.7695,

-29.8794

■ 19.8220, 9.9478,
-17.3839

■ 2.7530, 8.0098,
-2.4144

■ 212.5260, 15.5167,
-30.2793

■ 212.5260, 15.5167,
-30.2793

■ 201.2410, 21.0802,
-41.4304

■ 223.8110, 9.9532,
-19.1282

■ 189.0700, 27.0805,
-52.6814

■ 235.9820, 3.9529,
-7.8772

■ 177.7850, 32.6440,
-63.8324

■ 247.2670, -1.6106,
3.2738

■ 165.6140, 38.6443,
-75.0835

■ 253.1590, -4.5154,
1.6146

■ 154.3290, 44.2078,
-86.2345

■ 253.7460, -4.8048,
1.0998

■ 143.0440, 49.7713,
-97.3856

■ 130.8730, 55.7716,
-108.6366

■ 127.6060, 57.3822,
-111.9105

Harmonies

Analogous

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



211.1960, 9.2704, -33.4979



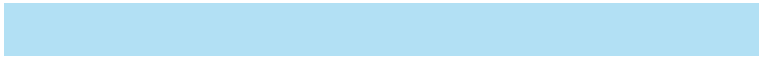
212.5260, 15.5167, -30.2793



215.3580, 17.0785, -17.8540

Triad

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



212.5260, 15.5167, -30.2793



219.9800, 0.5029, 25.4505



214.6290, -14.1141, 0.3254

Complementary

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



212.5260, 15.5167, -30.2793



209.4740, -15.5167, 30.2793

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.



217.0330, -16.7783, 14.8801



212.5260, 15.5167, -30.2793



219.8250, -7.8017, 29.0945

Square

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



212.5260, 15.5167, -30.2793



219.6780, 8.5397, 14.3144



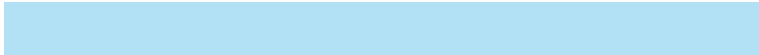
218.1960, -13.9006, 25.2611



212.5500, -7.6661, -14.5143

Rectangle

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



212.5260, 15.5167, -30.2793



217.7830, 15.8830, -7.7027



218.1960, -13.9006, 25.2611



215.3200, -15.4408, 5.8584

Sweetspot

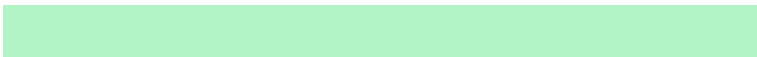
The Sweet Spot groups the original color and five complimentary colors.



212.5260, 15.5167, -30.2793



245.4980, 4.6845, -9.2067



219.0220, -10.3638, -35.9763



121.7650, 3.0739, -5.9329



0.0000, 0.0000, 0.0000



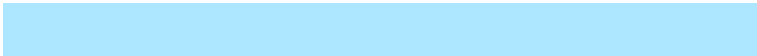
128.0000, 0.0000, 0.0000

Same Dimension

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



212.5260, 15.5167, -30.2793



215.8070, 19.3221, -37.5417



193.1550, 25.0666, -13.2909



116.6510, 2.6371, -5.8329



97.5140, 43.6236, -85.5198



30.7930, 13.9061, -27.0055

Inverse Universe

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



202.9780, 10.3638, 35.9763



204.0160, 12.8101, 44.7130



228.8450, -25.0666, 13.2909



114.6140, 2.1623, 6.4775



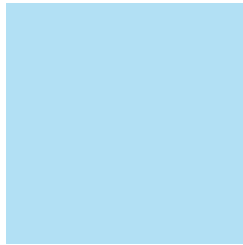
70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 212.5260, 15.5167, -30.2793 looks on a white background.

Color Contrast Check

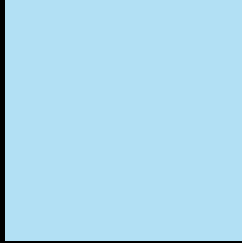
Large Text (above 18pt) WCAG AA × Fail

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 212.5260, 15.5167, -30.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

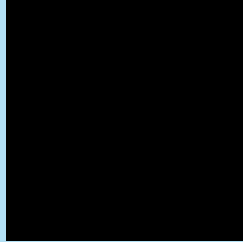
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.5260, 15.5167, -30.2793

Background



This preview shows how black text looks on a background with the YUV color 212.5260, 15.5167, -30.2793.



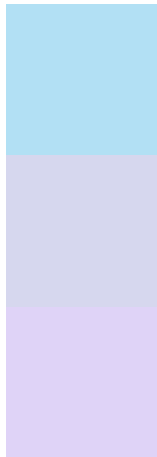
This preview shows how white text looks on a background with the YUV color 212.5260, 15.5167, -30.2793.

-30.2793.

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

212.5260, 15.5167, -30.2793

Protanopia

217.3230, 10.1938, -2.9143

Deuteranopia

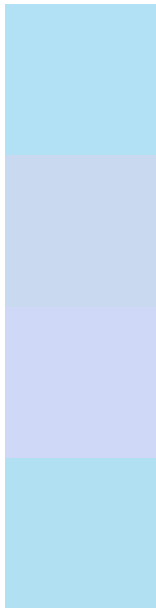
218.6920, 13.9558, 3.7781



Tritanopia

212.2980, 14.6431, -30.0793

Trichromacy



Original Color

212.5260, 15.5167, -30.2793

Protanomaly

215.4250, 12.1155, -12.6507

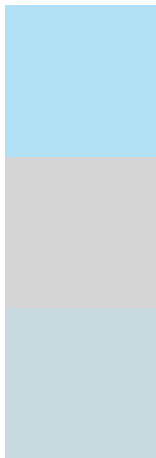
Deuteranomaly

216.7290, 14.4306, -8.5323

Tritanomaly

212.4120, 15.0799, -30.1793

Monochromacy



Original Color

212.5260, 15.5167, -30.2793

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

212.7150, 5.5635, -11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.5260, 15.5167, -30.2793 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(178, 224, 244)` looks like.

```
.text, #text, p{  
    color:rgb(178, 224, 244)  
}
```

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(178, 224, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 224, 244) }
```

Border

The CSS property to change the border of an element to YUV 212.5260, 15.5167, -30.2793 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(178, 224, 244) }
```


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

```
.border{ border-color:rgb(178, 224, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 224, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 224, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 224, 244);  
box-shadow:4px 4px 4px 4px rgb(178, 224,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 212.5260, 15.5167, -30.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 224, 244) }
```

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

```
.background{ background-color: rgb(178,  
224, 244) }
```

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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