

Converting Colors

YUV(210.5710, -9.6485,
-32.0728)

Have a look what the booklet for
YUV(210.5710, -9.6485, -32.0728)
contains.

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Color

**YUV(210.5710, -9.6485,
-32.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	AEE9BF
RGB	174, 233, 191
RGB Percent	68%, 91%, 75%
CMY	0.3176, 0.0863, 0.2510
CMYK	0.25, 0.00, 0.18, 0.09
HSL	137°, 57%, 80%
HSV	137°, 25%, 91%
XYZ	55.9984, 71.0381, 60.0505
YIQ	210.5710, -21.6820, -25.5700

Conversions

Conversions Part 2

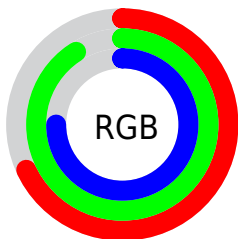
Format	Color
RYB	174, 220, 233
Decimal	11463103
CIELab	87.50, -26.97, 14.44
CIELCh	88, 30.595, 151.838
Yxy	71.0381, 0.2993, 0.3797
Android (android.graphics.Color)	4289653183 (0xFFAEE9BF)
YUV	210.5710, -9.6485, -32.0728
Hunter-Lab	84.2841, -28.9016, 16.7561

Details

The YUV color $210.5710, -9.6485, -32.0728$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $196.4290, 9.6485, 32.0728$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6130, 0.1908, -14.5696$, and $155.5110, -8.6329, -31.1431$ is the 20% darker color. If you saturate the color by 10%, you get $201.7560, -13.6837, -44.5130$, and if you desaturate by 10%, it is $219.3860, -5.6133, -19.6325$.

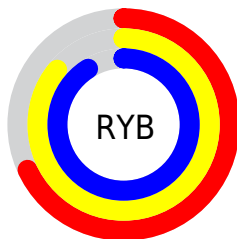
Distribution



Red (68%)

Green (91%)

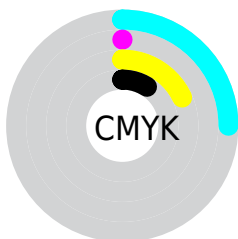
Blue (75%)



Red (68%)

Yellow (86%)

Blue (91%)

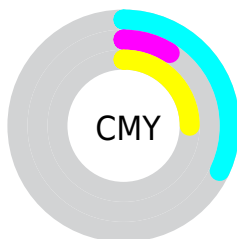


Cyan (25%)

Magenta (0%)

Yellow (18%)

Black (9%)



Cyan (32%)

Magenta (9%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5710, -9.6485, -32.0728 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 210.5710, -9.6485, -32.0728 by changing the saturation by 10% instead.


 210.5710, -9.6485,
-32.0728


 210.5710, -9.6485,
-32.0728

255.0000, 0.0000,
0.0000


 182.9840, -9.3591,
-31.5580


 246.6130, 0.1908,
-14.5696

 155.5110, -8.6329,
-31.1431

 128.9240, -8.3435,
-30.6283

 103.3370, -8.0541,
-30.1135

 78.5650, -7.1805,
-30.3135

 53.8960, -5.8647,
-32.3578

 32.9180, -5.8756,

-28.8691

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 210.5710, -9.6485,
-32.0728

■ 210.5710, -9.6485,
-32.0728

■ 201.7560,
-13.6837, -44.5130

■ 219.3860, -5.6133,
-19.6325

■ 192.7560,
-17.1347, -57.6680

■ 228.3860, -2.1623,
-6.4775

■ 183.9410,
-21.1699, -70.1083

■ 237.2010, 1.8729,
5.9627

■ 175.2400,
-24.7683, -82.6485

■ 242.0860, 6.3666,
11.3256

■ 166.4250,
-28.8035, -95.0887

■ 157.3110,
-32.6913, -108.1437

■ 148.6100,
-36.2897, -120.6840

■ 144.4090,
-38.1626, -126.6467

Harmonies

Analogous

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



214.4080, -22.3861, -6.4968



210.5710, -9.6485, -32.0728



206.9670, 6.4253, -54.3451

Triad

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



210.5710, -9.6485, -32.0728



214.4110, 20.0104, -24.9164



215.8920, -12.7648, 34.2977

Complementary

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



210.5710, -9.6485, -32.0728



196.4290, 9.6485, 32.0728

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.



217.4370, 0.7706, 32.9428



210.5710, -9.6485, -32.0728



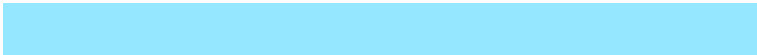
220.5010, 17.0080, 4.8226

Square

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



210.5710, -9.6485, -32.0728



208.6310, 22.8599, -52.2964



222.9770, 11.8433, 28.0842



217.6070, -23.9633, 32.7937

Rectangle

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



210.5710, -9.6485, -32.0728



205.3710, 17.0721, -62.5924



222.9770, 11.8433, 28.0842



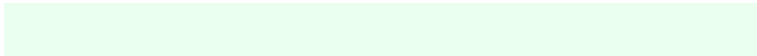
215.7440, -8.2548, 34.4275

Sweetspot

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



210.5710, -9.6485, -32.0728



247.3100, -3.6038, -10.7959



221.1910, -23.2652, -4.5525



122.9730, -2.4517, -6.9923



0.0000, 0.0000, 0.0000



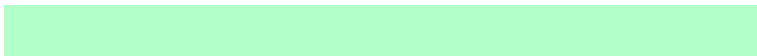
128.0000, 0.0000, 0.0000

Same Dimension

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



210.5710, -9.6485, -32.0728



226.1200, -12.3842, -41.3242



213.8770, 3.0186, -34.9721



112.7990, -1.8729, -5.9627



112.1750, -29.6663, -98.3775



33.4080, -9.0751, -29.2988

Inverse Universe

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



196.4290, 9.6485, 32.0728



207.8800, 12.3842, 41.3242



193.1230, -3.0186, 34.9721



110.2010, 1.8729, 5.9627



68.8250, 29.6663, 98.3775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 210.5710, -9.6485, -32.0728 looks on a white background.

Color Contrast Check

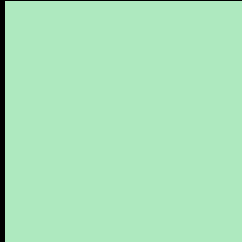
Large Text (above 18pt) WCAG AA × Fail

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 210.5710, -9.6485, -32.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

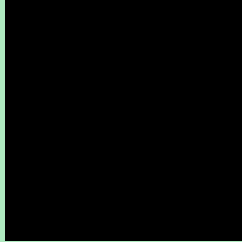
Any Text WCAG AA ✓ Pass

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 210.5710, -9.6485, -32.0728 Background



This preview shows how black text looks on a background with the YUV color 210.5710, -9.6485, -32.0728.



This preview shows how white text looks on a background with the YUV color 210.5710, -9.6485, -32.0728.

-32.0728.

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

210.5710, -9.6485, -32.0728

Protanopia

217.7120, -16.6200, 10.7766

Deuteranopia

220.3530, -12.0060, 24.2464



Tritanopia

215.4940, 14.0535, -27.6202

Trichromacy



Original Color

210.5710, -9.6485, -32.0728



Protanomaly

215.0090, -13.8084, -4.3929



Deuteranomaly

216.7480, -11.2148, 3.7290



Tritanomaly

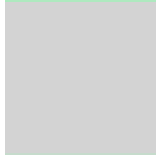
213.8930, 5.4758, -29.7242

Monochromacy



Original Color

210.5710, -9.6485, -32.0728



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.0110, -3.4564, -11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5710, -9.6485, -32.0728 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(174, 233, 191)` looks like.

```
.text, #text, p{  
    color:rgb(174, 233, 191)  
}
```

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(174, 233, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 233, 191) }
```

Border

The CSS property to change the border of an element to YUV 210.5710, -9.6485, -32.0728 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(174, 233, 191) }
```


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

```
.border{ border-color:rgb(174, 233, 191) }
```

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

Here you see how a box with a 4 pixel rgb(174, 233, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 233, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 233, 191);  
box-shadow:4px 4px 4px 4px rgb(174, 233,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 210.5710, -9.6485, -32.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 233, 191) }
```

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

```
.background{ background-color: rgb(174,  
233, 191) }
```

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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