

Converting Colors

YUV(214.3860, -12.5153,
-45.9425)

Have a look what the booklet for
YUV(214.3860, -12.5153, -45.9425)
contains.

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Color

**YUV(214.3860, -12.5153,
-45.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F6BD
RGB	162, 246, 189
RGB Percent	64%, 96%, 74%
CMY	0.3647, 0.0353, 0.2588
CMYK	0.34, 0.00, 0.23, 0.04
HSL	139°, 82%, 80%
HSV	139°, 34%, 96%
XYZ	57.0414, 77.2670, 60.0517
YIQ	214.3860, -31.7670, -35.5350

Conversions

Conversions Part 2

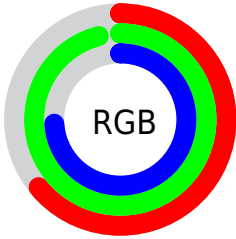
Format	Color
RYB	162, 226, 246
Decimal	10679997
CIELab	90.44, -37.06, 19.51
CIELCh	90, 41.884, 152.239
Yxy	77.2670, 0.2935, 0.3975
Android (android.graphics.Color)	4288870077 (0xFFA2F6BD)
YUV	214.3860, -12.5153, -45.9425
Hunter-Lab	87.9017, -37.9953, 21.0260

Details

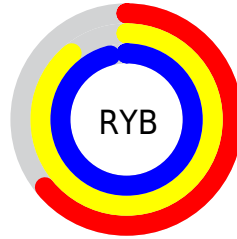
The YUV color $214.3860, -12.5153, -45.9425$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $193.6140, 12.5153, 45.9425$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.0960, 0.9387, -21.1322$, and $158.4400, -11.0629, -45.1129$ is the 20% darker color. If you saturate the color by 10%, you get $204.9730, -16.2557, -59.6123$, and if you desaturate by 10%, it is $223.7990, -8.7749, -32.2727$.

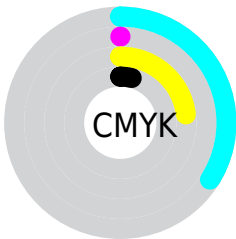
Distribution



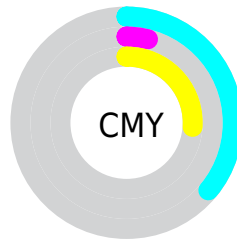
- Red (64%)
- Green (96%)
- Blue (74%)



- Red (64%)
- Yellow (89%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.3860, -12.5153, -45.9425 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 214.3860, -12.5153, -45.9425 by changing the saturation by 10% instead.

214.3860,
-12.5153, -45.9425

214.3860,
-12.5153, -45.9425

255.0000, 0.0000,
0.0000

185.9130,
-11.7891, -45.5277

243.0960, 0.9387,
-21.1322

158.4400,
-11.0629, -45.1129

252.9070, 1.0318,
-4.3034

131.5540,
-10.6261, -45.2129

104.4830, -9.6051,
-46.0276

77.0310, -7.4103,
-50.0162

53.7540, -7.2737,
-47.1423

37.2720, -9.5011,

-32.6875

■ 22.8930, -11.2862,
-20.0772

■ 1.7610, -0.8682,
-1.5444

■ 214.3860,
-12.5153, -45.9425

■ 214.3860,
-12.5153, -45.9425

■ 204.9730,
-16.2557, -59.6123

■ 223.7990, -8.7749,
-32.2727

■ 195.9730,
-19.7067, -72.7673

■ 232.7990, -5.3239,
-19.1177

■ 186.5600,
-23.4471, -86.4371

■ 242.2120, -1.5835,
-5.4479

■ 177.4460,
-27.3349, -99.4921

■ 249.7170, 2.6045,
4.6332

■ 168.1470,
-30.6385, -113.2619

■ 158.7340,
-34.3789, -126.9317

■ 153.4080,
-36.6831, -134.5388

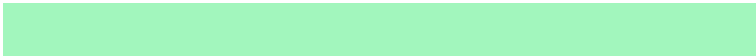
Harmonies

Analogous

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



220.3230, -30.2322, -9.9303



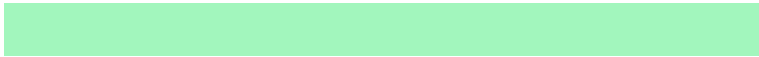
214.3860, -12.5153, -45.9425



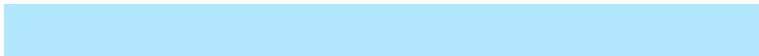
206.3550, 11.1640, -80.9953

Triad

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



214.3860, -12.5153, -45.9425



217.0030, 18.7325, -35.0826



215.5500, -14.0751, 34.5977

Complementary

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



214.3860, -12.5153, -45.9425



193.6140, 12.5153, 45.9425

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.



217.6480, 4.1175, 32.7577



214.3860, -12.5153, -45.9425



226.7250, 13.9396, 9.0112

Square

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



214.3860, -12.5153, -45.9425



205.5090, 24.3991, -79.3764



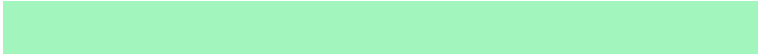
224.4760, 15.0483, 26.7695



218.7010, -29.9256, 31.8342

Rectangle

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



214.3860, -12.5153, -45.9425



201.8440, 26.2059, -98.9642



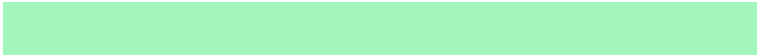
224.4760, 15.0483, 26.7695



215.7440, -8.2548, 34.4275

Sweetspot

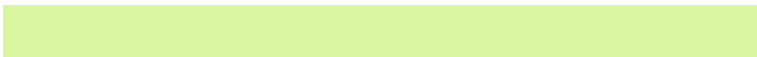
The Sweet Spot groups the original color and five complimentary colors.



214.3860, -12.5153, -45.9425



245.5870, -3.7404, -13.6698



228.3510, -32.7110, -8.2008



121.9620, -2.4463, -8.7367



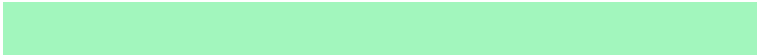
0.0000, 0.0000, 0.0000



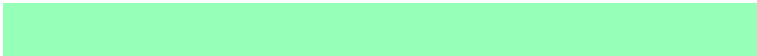
128.0000, 0.0000, 0.0000

Same Dimension

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



214.3860, -12.5153, -45.9425



215.5110, -15.5349, -57.4531



219.1740, 5.8302, -50.1416



117.5000, -1.7255, -6.5775



116.0220, -27.6188, -101.7513



36.7990, -8.7749, -32.2727

Inverse Universe

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



193.6140, 12.5153, 45.9425



189.4890, 15.5349, 57.4531



188.8260, -5.8302, 50.1416



114.5000, 1.7255, 6.5775



69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 214.3860, -12.5153, -45.9425 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 214.3860, -12.5153, -45.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

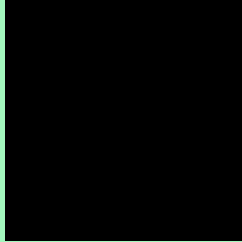
Any Text WCAG AA ✓ Pass

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 214.3860, -12.5153, -45.9425 Background



This preview shows how black text looks on a background with the YUV color 214.3860, -12.5153, -45.9425.



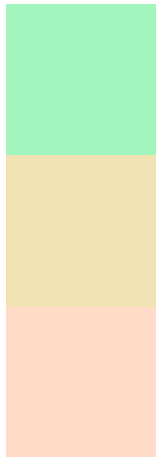
This preview shows how white text looks on a background with the YUV color 214.3860, -12.5153, -45.9425.

-45.9425.

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

214.3860, -12.5153, -45.9425

Protanopia

225.2410, -22.3038, 13.8206

Deuteranopia

227.5980, -13.6058, 24.0316



Tritanopia

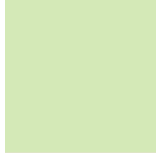
221.4110, 16.5594, -38.0714

Trichromacy



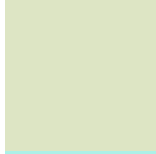
Original Color

214.3860, -12.5153, -45.9425



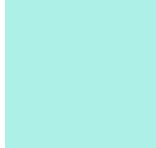
Protanomaly

221.0210, -18.7444, -7.9114



Deuteranomaly

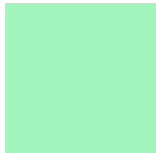
222.8460, -13.2351, -1.6189



Tritanomaly

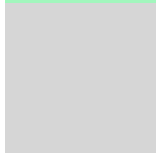
218.6420, 6.0925, -40.9050

Monochromacy



Original Color

214.3860, -12.5153, -45.9425



Achromatopsia

214.0000, 0.0000, 0.0000



Achromatomaly

214.3370, -4.6031, -16.9585

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.3860, -12.5153, -45.9425 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(162, 246, 189)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 189)  
}
```

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(162, 246, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 189) }
```

Border

The CSS property to change the border of an element to YUV 214.3860, -12.5153, -45.9425 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(162, 246, 189) }
```


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

```
.border{ border-color:rgb(162, 246, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 246, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 246, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 246, 189); box-shadow:4px 4px 4px 4px rgb(162, 246, 189) }
```

Background

The CSS property to change the background color of an element to YUV 214.3860, -12.5153, -45.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 189) }
```

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

```
.background{ background-color: rgb(162,  
246, 189) }
```

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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