

Converting Colors

YUV(204.4710, -4.6692,
-42.5091)

Have a look what the booklet for
YUV(204.4710, -4.6692, -42.5091)
contains.

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Color

**YUV(204.4710, -4.6692,
-42.5091)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE7C3
RGB	156, 231, 195
RGB Percent	61%, 91%, 76%
CMY	0.3882, 0.0941, 0.2353
CMYK	0.32, 0.00, 0.16, 0.09
HSL	151°, 61%, 76%
HSV	151°, 32%, 91%
XYZ	52.1365, 68.1599, 62.0380
YIQ	204.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

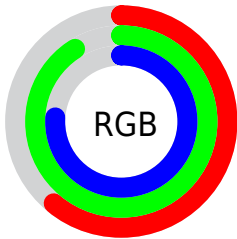
Format	Color
RYB	156, 205, 231
Decimal	10282947
CIELab	86.09, -30.73, 10.21
CIELCh	86, 32.381, 161.627
Yxy	68.1599, 0.2859, 0.3738
Android (android.graphics.Color)	4288473027 (0xFF9CE7C3)
YUV	204.4710, -4.6692, -42.5091
Hunter-Lab	82.5590, -31.7543, 13.2385

Details

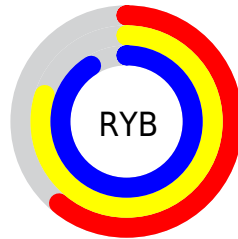
The YUV color **204.4710, -4.6692, -42.5091** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **182.5290, 4.6692, 42.5091**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8010, 5.0281, -26.1355**, and **149.2970, -4.0904, -41.4795** is the 20% darker color. If you saturate the color by 10%, you get **196.3400, -6.0836, -55.5492**, and if you desaturate by 10%, it is **212.6020, -3.2548, -29.4690**.

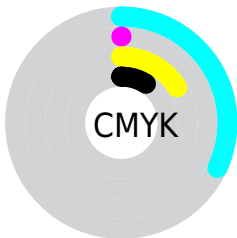
Distribution



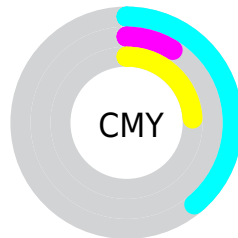
- Red (61%)
- Green (91%)
- Blue (76%)



- Red (61%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)




- Cyan (39%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4710, -4.6692, -42.5091 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 204.4710, -4.6692, -42.5091 by changing the saturation by 10% instead.

 204.4710, -4.6692,
-42.5091


 204.4710, -4.6692,
-42.5091

255.0000, 0.0000,
0.0000


 176.8840, -4.3798,
-41.9943


 241.8010, 5.0281,
-26.1355


 149.2970, -4.0904,
-41.4795

 250.8140, 2.0637,
-8.6069

 122.5250, -3.2168,
-41.6794

 96.6390, -2.7800,
-41.7794

 70.0730, -1.0220,
-45.6680

 47.9810, -1.4696,
-42.0793

 31.4990, -3.6970,

-27.6246

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 204.4710, -4.6692,
-42.5091

■ 204.4710, -4.6692,
-42.5091

■ 196.3400, -6.0836,
-55.5492

■ 212.6020, -3.2548,
-29.4690

■ 188.2090, -7.4980,
-68.5893

■ 220.7330, -1.8404,
-16.4288

■ 180.0780, -8.9125,
-81.6294

■ 228.8640, -0.4260,
-3.3887

■ 171.9470,
-10.3269, -94.6695

■ 236.9950, 0.9885,
9.6514

■ 163.8160,
-11.7413, -107.7096

■ 240.3420, 4.7614,
12.8551

■ 155.2720,
-13.4451, -121.2645

■ 240.9120, 6.9454,
12.3552

■ 149.2770,
-14.4336, -130.9159

Harmonies

Analogous

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



209.0370, -19.7382, -15.8184



204.4710, -4.6692, -42.5091



200.9210, 12.8569, -63.9517

Triad

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



204.4710, -4.6692, -42.5091



212.6940, 20.8569, -16.3946



212.5350, -18.0118, 37.2418

Complementary

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



204.4710, -4.6692, -42.5091



182.5290, 4.6692, 42.5091

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.



212.7920, -4.3345, 37.0164



204.4710, -4.6692, -42.5091



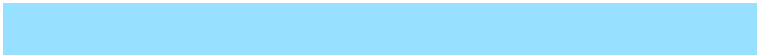
218.4960, 17.9965, 14.4740

Square

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



204.4710, -4.6692, -42.5091



205.7070, 24.3014, -47.9780



217.5000, 8.6275, 32.8875



215.4670, -28.3312, 33.7934

Rectangle

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



204.4710, -4.6692, -42.5091



200.1190, 22.6193, -68.5104



217.5000, 8.6275, 32.8875



211.8000, -13.2124, 37.8864

Sweetspot

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



204.4710, -4.6692, -42.5091



246.1570, -1.5564, -14.1697



210.7890, -27.0110, -16.4780



122.3040, -1.1359, -9.0366



0.0000, 0.0000, 0.0000



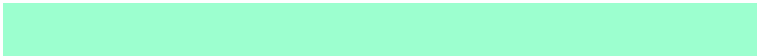
128.0000, 0.0000, 0.0000

Same Dimension

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



204.4710, -4.6692, -42.5091



219.9270, -6.3730, -56.0640



207.9880, 11.3449, -45.5935



110.7280, -0.8519, -6.7775



115.6750, -11.1788, -101.4470



33.0150, -2.9654, -28.9542

Inverse Universe

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



182.5290, 4.6692, 42.5091



190.9590, 5.9362, 56.1640



179.0120, -11.3449, 45.5935



107.2720, 0.8519, 6.7775



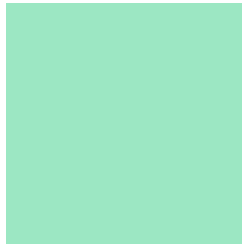
63.3250, 11.1788, 101.4470



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 204.4710, -4.6692, -42.5091 looks on a white background.

Color Contrast Check

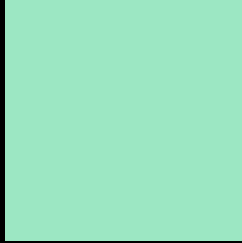
Large Text (above 18pt) WCAG AA × Fail

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 204.4710, -4.6692, -42.5091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

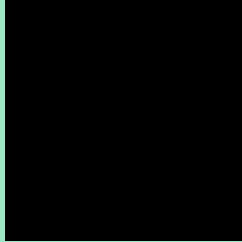
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.4710, -4.6692, -42.5091

Background



This preview shows how black text looks on a background with the YUV color 204.4710, -4.6692, -42.5091.



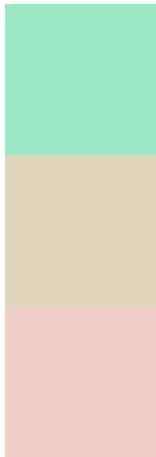
This preview shows how white text looks on a background with the YUV color 204.4710, -4.6692, -42.5091.

-42.5091.

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

204.4710, -4.6692, -42.5091

Protanopia

214.0970, -13.8518, 9.5619

Deuteranopia

216.0690, -7.9220, 20.9875



Tritanopia

208.7100, 16.4120, -37.4567

Trichromacy



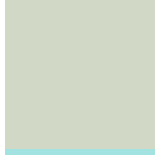
Original Color

204.4710, -4.6692, -42.5091



Protanomaly

210.4860, -10.5926, -9.1962



Deuteranomaly

211.8550, -6.8305, -2.5038



Tritanomaly

207.3370, 8.7079, -39.7605

Monochromacy



Original Color

204.4710, -4.6692, -42.5091



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.4450, -1.6984, -15.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4710, -4.6692, -42.5091 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(156, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 231, 195)  
}
```

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(156, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 231, 195) }
```

Border

The CSS property to change the border of an element to YUV 204.4710, -4.6692, -42.5091 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(156, 231, 195) }
```


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

```
.border{ border-color:rgb(156, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 231,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 204.4710, -4.6692, -42.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 231, 195) }
```

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

```
.background{ background-color: rgb(156,  
231, 195) }
```

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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