

Converting Colors

YUV(203.1190, -14.3557,
-62.3714)

Have a look what the booklet for
YUV(203.1190, -14.3557, -62.3714)
contains.

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Color

**YUV(203.1190, -14.3557,
-62.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	84F5AE
RGB	132, 245, 174
RGB Percent	52%, 96%, 68%
CMY	0.4824, 0.0392, 0.3176
CMYK	0.46, 0.00, 0.29, 0.04
HSL	142°, 85%, 74%
HSV	142°, 46%, 96%
XYZ	49.8081, 73.2663, 51.5611
YIQ	203.1190, -44.5570, -46.0370

Conversions

Conversions Part 2

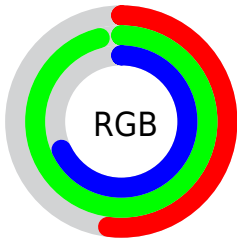
Format	Color
RYB	132, 214, 245
Decimal	8713646
CIELab	88.57, -47.64, 24.41
CIELCh	89, 53.532, 152.870
Yxy	73.2663, 0.2852, 0.4195
Android (android.graphics.Color)	4286903726 (0xFF84F5AE)
YUV	203.1190, -14.3557, -62.3714
Hunter-Lab	85.5958, -45.9236, 24.2020

Details

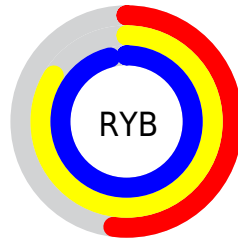
The YUV color **203.1190, -14.3557, -62.3714** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **173.8810, 14.3557, 62.3714**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7150, -1.3385, -37.4611**, and **145.9770, -12.3137, -64.0008** is the 20% darker color. If you saturate the color by 10%, you get **194.2330, -17.3699, -75.6263**, and if you desaturate by 10%, it is **212.3040, -11.4889, -48.5016**.

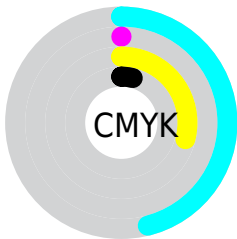
Distribution



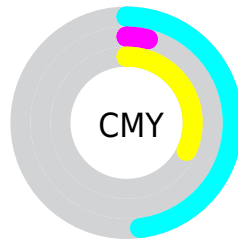
- Red (52%)
- Green (96%)
- Blue (68%)



- Red (52%)
- Yellow (84%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (29%)
- Black (4%)



- Cyan (48%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.1190, -14.3557, -62.3714 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 203.1190, -14.3557, -62.3714 by changing the saturation by 10% instead.

■ 203.1190,
-14.3557, -62.3714

■ 203.1190,
-14.3557, -62.3714

255.0000, 0.0000,
0.0000

■ 174.3470,
-13.4821, -62.5713

■ 232.7150, -1.3385,
-37.4611

■ 145.9770,
-12.3137, -64.0008

■ 244.2360, 5.3067,
-22.1320

■ 116.5250,
-10.1188, -67.9894

■ 253.2060, 0.8844,
-3.6887

■ 86.8660, -7.3289,
-76.1815

■ 68.9820, -9.8511,
-60.4972

■ 51.0980, -12.3733,
-44.8129

■ 34.2740, -15.9111,

-30.0583

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 203.1190,
-14.3557, -62.3714

■ 203.1190,
-14.3557, -62.3714

■ 194.2330,
-17.3699, -75.6263

■ 212.3040,
-11.4889, -48.5016

■ 184.9340,
-20.6735, -89.3961

■ 221.3040, -8.0379,
-35.3466

■ 176.0480,
-23.6877, -102.6511

■ 230.4890, -5.1711,
-21.4769

■ 166.7490,
-26.9913, -116.4209

■ 239.4890, -1.7201,
-8.3219

■ 157.8630,
-30.0055, -129.6759

■ 248.6740, 1.1467,
5.5479

■ 154.1890,
-31.1522, -135.2238

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



212.4120, -38.6571, -14.3933



203.1190, -14.3557, -62.3714



174.9170, 25.1839, -144.6322

Triad

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



203.1190, -14.3557, -62.3714



206.5820, 23.8701, -49.6224



205.3940, -17.4492, 43.5045

Complementary

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



203.1190, -14.3557, -62.3714



173.8810, 14.3557, 62.3714

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.



207.4580, 5.6902, 41.6943



203.1190, -14.3557, -62.3714



220.5450, 16.9863, 11.8000

Square

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



203.1190, -14.3557, -62.3714



169.9500, 41.9297, -149.0461



216.2580, 19.0998, 33.9767



210.4540, -38.6778, 39.0668

Rectangle

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



203.1190, -14.3557, -62.3714



175.2330, 39.3251, -153.6793



216.2580, 19.0998, 33.9767



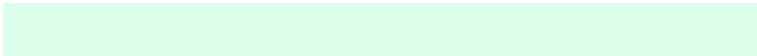
204.7560, -9.7397, 44.0640

Sweetspot

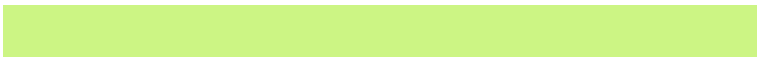
The Sweet Spot groups the original color and five complimentary colors.



203.1190, -14.3557, -62.3714



241.7280, -4.3029, -19.9325



219.8590, -43.3145, -13.9083



119.8260, -2.8722, -12.1254



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.



203.1190, -14.3557, -62.3714



203.1080, -17.8012, -77.2707



209.5030, 10.1050, -67.9701



117.6140, -1.2887, -6.6775



117.0480, -23.6877, -102.6511



37.1410, -7.4645, -32.5727

Inverse Universe

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



173.8810, 14.3557, 62.3714



166.8920, 17.8012, 77.2707



167.4970, -10.1050, 67.9701



114.5000, 1.7255, 6.5775



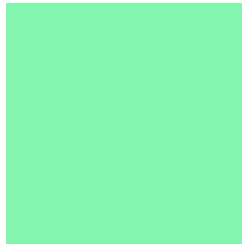
68.9520, 23.6877, 102.6511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 203.1190, -14.3557, -62.3714 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 203.1190, -14.3557, -62.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

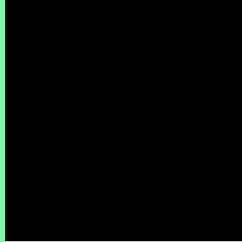
Any Text WCAG AA ✓ Pass

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 203.1190, -14.3557, -62.3714 Background



This preview shows how black text looks on a background with the YUV color 203.1190, -14.3557, -62.3714.



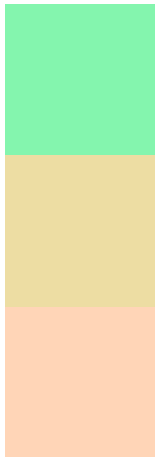
This preview shows how white text looks on a background with the YUV color 203.1190, -14.3557, -62.3714.

-62.3714.

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

203.1190, -14.3557, -62.3714

Protanopia

219.1720, -27.6928, 15.6352

Deuteranopia

222.1380, -19.2950, 28.8200



Tritanopia

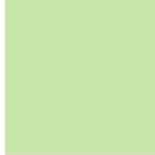
212.0500, 20.6814, -53.5408

Trichromacy



Original Color

203.1190, -14.3557, -62.3714



Protanomaly

213.5490, -22.9487, -12.7595



Deuteranomaly

215.3850, -17.4448, -4.7226



Tritanomaly

208.9990, 7.8885, -57.0041

Monochromacy



Original Color

203.1190, -14.3557, -62.3714



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.7770, -5.3131, -22.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.1190, -14.3557, -62.3714 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(132, 245, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 245, 174)  
}
```

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(132, 245, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 245, 174) }
```

Border

The CSS property to change the border of an element to YUV 203.1190, -14.3557, -62.3714 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(132, 245, 174) }
```


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

```
.border{ border-color:rgb(132, 245, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 245, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 245, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 245, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 245,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 203.1190, -14.3557, -62.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 245, 174) }
```

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

```
.background{ background-color: rgb(132,  
245, 174) }
```

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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