

Converting Colors

YUV(203.6650, 17.9132,
-52.3262)

Have a look what the booklet for
YUV(203.6650, 17.9132, -52.3262)
contains.

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Color

**YUV(203.6650, 17.9132,
-52.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	90E3F0
RGB	144, 227, 240
RGB Percent	56%, 89%, 94%
CMY	0.4353, 0.1098, 0.0588
CMYK	0.40, 0.05, 0.00, 0.06
HSL	188°, 76%, 75%
HSV	188°, 40%, 94%
XYZ	54.6989, 67.1587, 92.5181
YIQ	203.6650, -53.6410, -13.5530

Conversions

Conversions Part 2

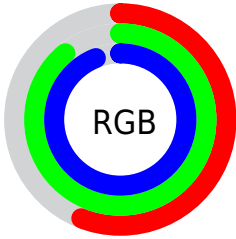
Format	Color
RYB	144, 189, 240
Decimal	9495536
CIELab	85.58, -21.97, -14.29
CIELCh	86, 26.205, 213.038
Yxy	67.1587, 0.2552, 0.3133
Android (android.graphics.Color)	4287685616 (0xFF90E3F0)
YUV	203.6650, 17.9132, -52.3262
Hunter-Lab	81.9504, -24.2712, -9.5702

Details

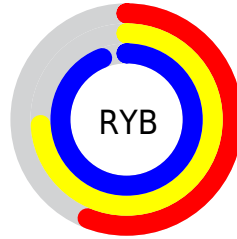
The YUV color $203.6650, 17.9132, -52.3262$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $180.3350, -17.9132, 52.3262$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.8540, 7.9600, -33.1980$, and $147.3660, 18.0606, -52.9410$ is the 20% darker color. If you saturate the color by 10%, you get $194.7280, 22.3191, -65.5365$, and if you desaturate by 10%, it is $212.6020, 13.5072, -39.1160$.

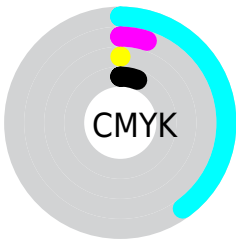
Distribution



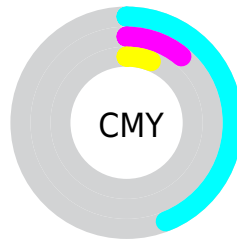
- Red (56%)
- Green (89%)
- Blue (94%)



- Red (56%)
- Yellow (74%)
- Blue (94%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (44%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6650, 17.9132, -52.3262 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 203.6650, 17.9132, -52.3262 by changing the saturation by 10% instead.

203.6650, 17.9132,
-52.3262

203.6650, 17.9132,
-52.3262

255.0000, 0.0000,
0.0000

175.6650, 17.9132,
-52.3262

238.8540, 7.9600,
-33.1980

147.3660, 18.0606,
-52.9410

247.8240, 3.5378,
-14.7546

120.0560, 18.2134,
-55.3001

90.7670, 19.8349,
-62.0627

67.2620, 19.0978,
-58.9888

50.4380, 15.5601,
-44.2341

34.3150, 12.1697,

-30.0943

■ 20.6540, 8.0586,
-18.1136

■ 2.2970, 6.2626,
-2.0145

■ 203.6650, 17.9132,
-52.3262

■ 203.6650, 17.9132,
-52.3262

■ 194.7280, 22.3191,
-65.5365

■ 212.6020, 13.5072,
-39.1160

■ 185.2040, 27.0144,
-78.2319

■ 221.5390, 9.1013,
-25.9057

■ 176.2670, 31.4204,
-91.4422

■ 231.0630, 4.4059,
-13.2103

■ 167.3300, 35.8263,
-104.6524

■ 240.0000, 0.0000,
0.0000

■ 158.3930, 40.2323,
-117.8627

■ 246.2460, -3.0793,
7.6773

■ 148.8690, 44.9276,
-130.5581

■ 248.0070, -3.9475,
6.1329

■ 250.3550, -5.1050,
4.0737

■ 252.1160, -5.9732,
2.5293

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

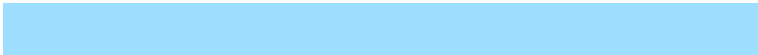
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.9080, 5.9614, -45.5233



203.6650, 17.9132, -52.3262



207.2130, 23.5590, -43.1598

Triad

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



203.6650, 17.9132, -52.3262



217.9830, 9.3754, 26.3249



212.6110, -23.4722, 15.2502

Complementary

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



203.6650, 17.9132, -52.3262



180.3350, -17.9132, 52.3262

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.



215.1770, -21.7793, 32.2938



203.6650, 17.9132, -52.3262



215.4650, -1.7082, 34.6722

Square

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



203.6650, 17.9132, -52.3262



216.6580, 18.9026, 3.8079



213.9030, -12.7702, 36.0421



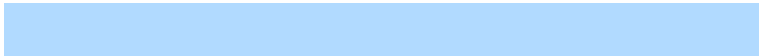
210.0320, -18.7498, -6.1671

Rectangle

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



203.6650, 17.9132, -52.3262



209.9590, 22.2052, -28.9050



213.9030, -12.7702, 36.0421



213.2420, -23.7833, 21.7128

Sweetspot

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



203.6650, 17.9132, -52.3262



243.3830, 5.7272, -16.9989



201.8340, -22.1032, -50.7204



120.8570, 3.5215, -9.5216



0.0000, 0.0000, 0.0000



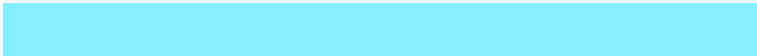
128.0000, 0.0000, 0.0000

Same Dimension

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



203.6650, 17.9132, -52.3262



208.5430, 22.9033, -66.2512



175.4890, 31.8039, -27.6159



115.2380, 2.3477, -6.3477



114.3090, 34.3577, -100.2490



35.1470, 10.2805, -30.8239

Inverse Universe

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



182.1660, 22.1032, 50.7204



181.4480, 27.8801, 64.5051



208.5110, -31.8039, 27.6159



112.7280, 2.5991, 6.3775



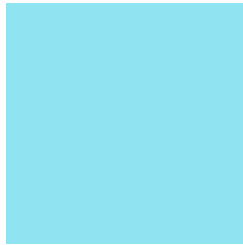
73.1420, 42.3280, 97.2225



22.3300, 13.1483, 29.5286

Previews

White Background



This preview shows how the YUV color 203.6650, 17.9132, -52.3262 looks on a white background.

Color Contrast Check

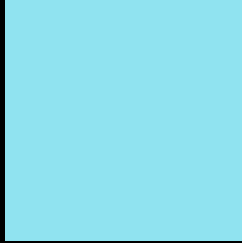
Large Text (above 18pt) WCAG AA × Fail

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 203.6650, 17.9132, -52.3262 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 203.6650, 17.9132, -52.3262

Background



This preview shows how black text looks on a background with the YUV color 203.6650, 17.9132, -52.3262.



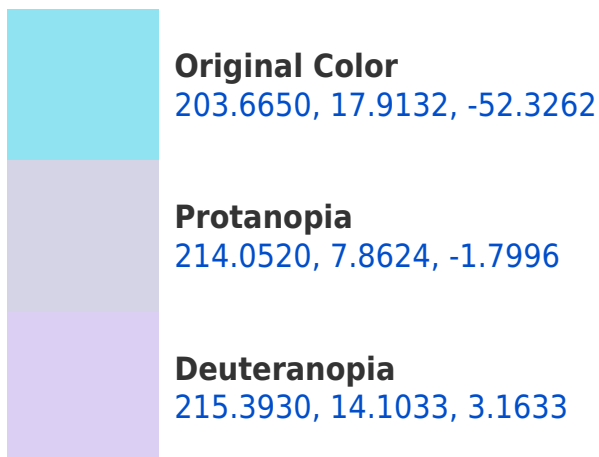
This preview shows how white text looks on a background with the YUV color 203.6650, 17.9132, -52.3262.

-52.3262.

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





Tritanopia

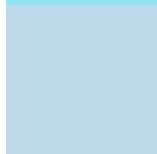
203.9470, 20.2391, -51.6965

Trichromacy



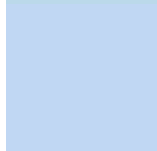
Original Color

203.6650, 17.9132, -52.3262



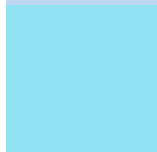
Protanomaly

209.9680, 11.8478, -20.1429



Deuteranomaly

211.3150, 15.6207, -16.9393



Tritanomaly

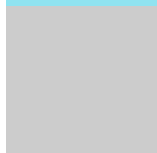
203.7190, 19.3655, -51.4966

Monochromacy



Original Color

203.6650, 17.9132, -52.3262



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.6000, 6.6062, -18.9432

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6650, 17.9132, -52.3262 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(144, 227, 240)` looks like.

```
.text, #text, p{  
    color:rgb(144, 227, 240)  
}
```

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(144, 227, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 227, 240) }
```

Border

The CSS property to change the border of an element to YUV 203.6650, 17.9132, -52.3262 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(144, 227, 240) }
```


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

```
.border{ border-color:rgb(144, 227, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 227, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 227, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 227, 240);  
box-shadow:4px 4px 4px 4px rgb(144, 227,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 203.6650, 17.9132, -52.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 227, 240) }
```

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

```
.background{ background-color: rgb(144,  
227, 240) }
```

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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