

Converting Colors

YUV(215.0240, 16.7502,
-52.6410)

Have a look what the booklet for
YUV(215.0240, 16.7502, -52.6410)
contains.

YUV(215.0240, 16.7502, -52.6410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(215.0240, 16.7502,
-52.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	9BEFF9
RGB	155, 239, 249
RGB Percent	61%, 94%, 98%
CMY	0.3922, 0.0627, 0.0235
CMYK	0.38, 0.04, 0.00, 0.02
HSL	186°, 89%, 79%
HSV	186°, 38%, 98%
XYZ	61.4830, 75.5411, 100.9629
YIQ	215.0240, -53.2740, -14.6980

Conversions

Conversions Part 2

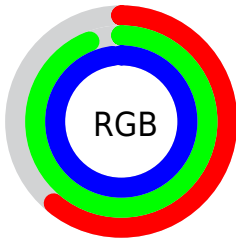
Format	Color
R _Y B	155, 199, 249
Decimal	10219513
CIE Lab	89.65, -22.95, -12.88
CIE LCh	90, 26.315, 209.305
Yxy	75.5411, 0.2583, 0.3174
Android (android.graphics.Color)	4288409593 (0xFF9BEFF9)
YUV	215.0240, 16.7502, -52.6410
Hunter-Lab	86.9144, -25.8299, -8.0334

Details

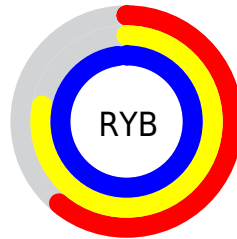
The YUV color **215.0240, 16.7502, -52.6410** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.9760, -16.7502, 52.6410**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **158.7250, 16.8976, -53.2558** is the 20% darker color. If you saturate the color by 10%, you get **205.7880, 21.3035, -66.4661**, and if you desaturate by 10%, it is **224.2600, 12.1968, -38.8160**.

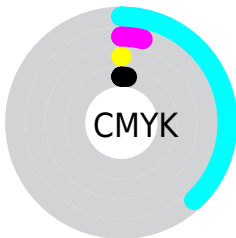
Distribution



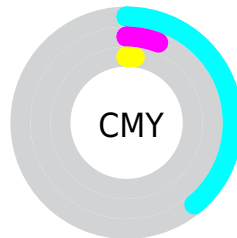
- Red (61%)
- Green (94%)
- Blue (98%)



- Red (61%)
- Yellow (78%)
- Blue (98%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.0240, 16.7502, -52.6410 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 215.0240, 16.7502, -52.6410 by changing the saturation by 10% instead.

215.0240, 16.7502,
-52.6410

215.0240, 16.7502,
-52.6410

255.0000, 0.0000,
0.0000

186.9100, 16.3134,
-52.5411

242.4420, 6.1911,
-25.8206

158.7250, 16.8976,
-53.2558

251.1130, 1.9163,
-7.9921

131.0130, 16.7556,
-54.3854

103.2190, 17.6400,
-58.0741

74.0440, 19.6983,
-64.9366

57.1060, 15.7237,
-50.0820

40.9830, 12.3334,

-35.9421

■ 25.5610, 9.0904,
-22.4170

■ 3.3230, 10.1938,
-2.9143

■ 215.0240, 16.7502,
-52.6410

■ 215.0240, 16.7502,
-52.6410

■ 205.7880, 21.3035,
-66.4661

■ 224.2600, 12.1968,
-38.8160

■ 197.1390, 25.5675,
-80.8059

■ 232.9090, 7.9329,
-24.4762

■ 187.9030, 30.1208,
-94.6309

■ 242.1450, 3.3795,
-10.6512

■ 178.6670, 34.6742,
-108.4560

■ 251.3810, -1.1738,
3.1739

■ 170.0180, 38.9381,
-122.7958

■ 252.5550, -1.7526,
2.1443

■ 161.0810, 43.3441,
-136.0060

■ 254.3160, -2.6208,
0.5999

■ 159.2870, 44.2285,
-139.6947

Harmonies

Analogous

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



215.7510, 4.0668, -44.5086



215.0240, 16.7502, -52.6410



216.6490, 18.9070, -44.4192

Triad

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



215.0240, 16.7502, -52.6410



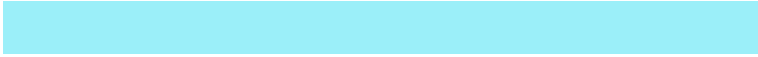
228.7160, 10.9860, 23.0511



224.1060, -24.2093, 18.3240

Complementary

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



215.0240, 16.7502, -52.6410



188.9760, -16.7502, 52.6410

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.



223.3120, -19.8738, 27.7904



215.0240, 16.7502, -52.6410



224.2190, 1.3710, 26.9949

Square

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



215.0240, 16.7502, -52.6410



226.0940, 14.2507, 2.5486



221.9560, -9.8383, 28.9796



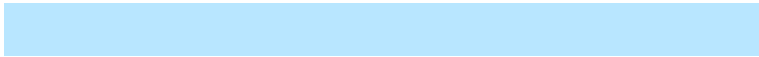
221.4130, -19.9236, -2.9932

Rectangle

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



215.0240, 16.7502, -52.6410



219.0960, 17.7007, -30.7792



221.9560, -9.8383, 28.9796



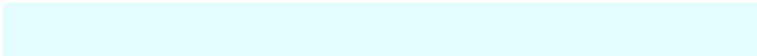
225.4380, -24.3729, 24.1719

Sweetspot

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



215.0240, 16.7502, -52.6410



244.8670, 4.9956, -15.6694



211.2040, -23.2716, -49.2909



121.7430, 3.0847, -9.4216



0.0000, 0.0000, 0.0000



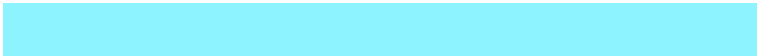
128.0000, 0.0000, 0.0000

Same Dimension

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



215.0240, 16.7502, -52.6410



213.5710, 20.4245, -64.5218



188.0220, 30.0622, -28.9603



120.5260, 2.2057, -7.4773



120.7490, 33.6477, -105.8969



39.2390, 10.7282, -34.4126

Inverse Universe

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



192.6820, 22.8348, 49.3909



186.1270, 28.0384, 60.4016



215.9780, -30.0622, 28.9603



117.2550, 3.3253, 6.7924



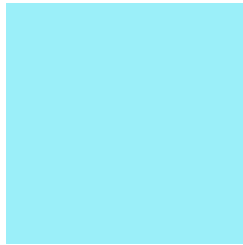
75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 215.0240, 16.7502, -52.6410 looks on a white background.

Color Contrast Check

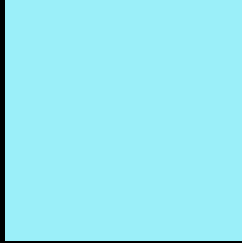
Large Text (above 18pt) WCAG AA × Fail

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 215.0240, 16.7502, -52.6410 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 215.0240, 16.7502, -52.6410

Background



This preview shows how black text looks on a background with the YUV color 215.0240, 16.7502, -52.6410.



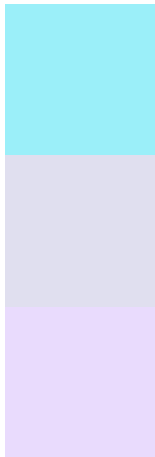
This preview shows how white text looks on a background with the YUV color 215.0240, 16.7502, -52.6410.

-52.6410.

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

215.0240, 16.7502, -52.6410

Protanopia

225.1230, 6.8414, -0.9849

Deuteranopia

227.0620, 12.7874, 5.2076



Tritanopia

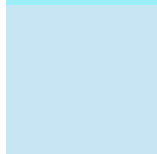
216.6270, 18.9179, -47.9079

Trichromacy



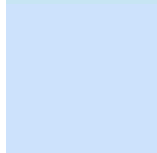
Original Color

215.0240, 16.7502, -52.6410



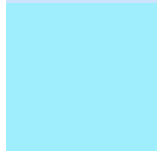
Protanomaly

221.6260, 10.5374, -19.8430



Deuteranomaly

222.6850, 14.4523, -15.5097



Tritanomaly

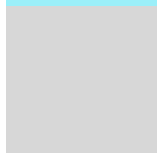
216.0890, 18.1971, -50.0671

Monochromacy



Original Color

215.0240, 16.7502, -52.6410



Achromatopsia

215.0000, 0.0000, 0.0000



Achromatomaly

215.0730, 5.8800, -19.3580

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.0240, 16.7502, -52.6410 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(155, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(155, 239, 249)  
}
```

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(155, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 239, 249) }
```

Border

The CSS property to change the border of an element to YUV 215.0240, 16.7502, -52.6410 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(155, 239, 249) }
```


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

```
.border{ border-color:rgb(155, 239, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 239, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(155, 239,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 215.0240, 16.7502, -52.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 239, 249) }
```

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

```
.background{ background-color: rgb(155,  
239, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor