

Converting Colors

YUV(201.6170, 20.4018,
-104.0271)

Have a look what the booklet for
YUV(201.6170, 20.4018, -104.0271)
contains.

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Color

**YUV(201.6170, 20.4018,
-104.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	53FEF3
RGB	83, 254, 243
RGB Percent	33%, 100%, 95%
CMY	0.6745, 0.0039, 0.0471
CMYK	0.67, 0.00, 0.04, 0.00
HSL	176°, 99%, 66%
HSV	176°, 67%, 100%
XYZ	55.1868, 79.1937, 97.1713
YIQ	201.6170, -98.3850, -39.6730

Conversions

Conversions Part 2

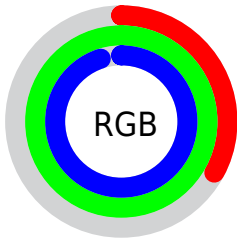
Format	Color
R_{YB}	83, 171, 254
Decimal	5504755
CIE _{Lab}	91.32, -45.47, -7.52
CIE _{LCh}	91, 46.084, 189.389
Yxy	79.1937, 0.2383, 0.3420
Android (android.graphics.Color)	4283694835 (0xFF53FEF3)
YUV	201.6170, 20.4018, -104.0271
Hunter-Lab	88.9908, -45.0390, -2.4466

Details

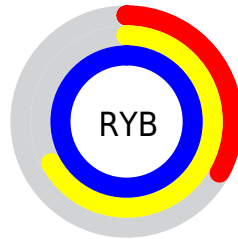
The YUV color **201.6170, 20.4018, -104.0271** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **135.3830, -20.4018, 104.0271**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **136.9570, 24.6712, -120.1113** is the 20% darker color. If you saturate the color by 10%, you get **193.9140, 23.2134, -119.1966**, and if you desaturate by 10%, it is **209.3200, 17.5902, -88.8576**.

Distribution



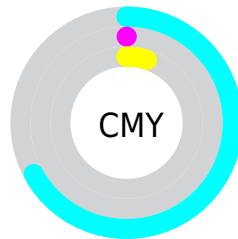
- Red (33%)
- Green (100%)
- Blue (95%)



- Red (33%)
- Yellow (67%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.6170, 20.4018, -104.0271 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 201.6170, 20.4018, -104.0271 by changing the saturation by 10% instead.

201.6170, 20.4018,
-104.0271

201.6170, 20.4018,
-104.0271

255.0000, 0.0000,
0.0000

166.7510, 23.7868,
-116.4226

224.2030, 15.1829,
-63.3220

136.9570, 24.6712,
-120.1113

233.7710, 10.4659,
-43.6492

117.4430, 20.9806,
-102.9975

243.3390, 5.7489,
-23.9763

98.6300, 17.4374,
-86.4985

252.9070, 1.0318,
-4.3034

79.9310, 14.3310,
-70.0995

62.4060, 10.6458,
-54.7301

45.1090, 7.8343,

-39.5606

■ 29.8010, 5.0281,
-26.1355

■ 8.1500, 5.8421,
-7.1475

■ 201.6170, 20.4018,
-104.0271

■ 201.6170, 20.4018,
-104.0271

■ 193.9140, 23.2134,
-119.1966

■ 209.3200, 17.5902,
-88.8576

■ 186.0260, 26.6092,
-135.0808

■ 217.2080, 14.1945,
-72.9734

■ 178.3230, 29.4208,
-150.2503

■ 224.9110, 11.3829,
-57.8039

■ 176.2300, 30.4526,
-154.5537

■ 232.9130, 8.4239,
-42.0197

■ 240.5020, 5.1755,
-26.7503

■ 248.2050, 2.3639,
-11.5808

254.2990, -0.1474,
0.6148

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



212.6660, -7.2303, -61.0971



201.6170, 20.4018, -104.0271



191.6560, 31.2286, -123.3553

Triad

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



201.6170, 20.4018, -104.0271



230.3350, 12.1598, 19.8772



220.4960, -35.7405, 30.2600

Complementary

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



201.6170, 20.4018, -104.0271



135.3830, -20.4018, 104.0271

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.



215.4700, -19.4587, 34.6678



201.6170, 20.4018, -104.0271



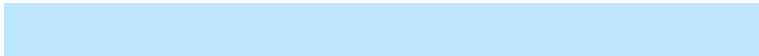
222.7150, 15.9165, 28.3139

Square

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



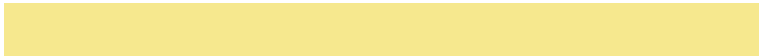
201.6170, 20.4018, -104.0271



220.5910, 16.9636, -27.7053



216.1490, 0.9125, 34.0723



225.9260, -41.3755, 17.6049

Rectangle

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



201.6170, 20.4018, -104.0271



200.0830, 27.0741, -97.4198



216.1490, 0.9125, 34.0723



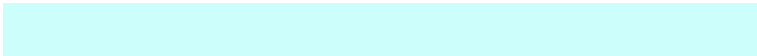
218.3590, -31.2360, 32.1342

Sweetspot

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



201.6170, 20.4018, -104.0271



239.4090, 6.2074, -31.0537



186.6660, -51.1073, -81.2681



118.5030, 3.6960, -18.8581



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.



201.6170, 20.4018, -104.0271



191.6250, 24.8349, -125.9591



159.4330, 46.6215, -67.0317



123.9990, 1.4795, -7.8921



132.5230, 22.9132, -116.2227



44.4080, 7.6869, -38.9458

Inverse Universe

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



135.3830, -20.4018, 104.0271



111.4890, -24.3981, 125.8591



177.5670, -46.6215, 67.0317



119.0010, -1.4795, 7.8921



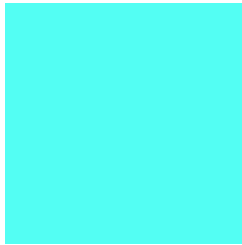
58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 201.6170, 20.4018, -104.0271 looks on a white background.

Color Contrast Check

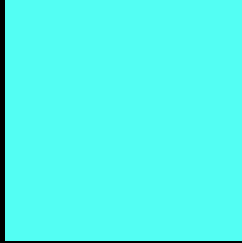
Large Text (above 18pt) WCAG AA × Fail

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 201.6170, 20.4018, -104.0271 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

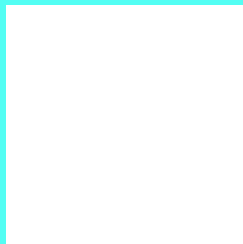
Any Text WCAG AAA ✓ Pass

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

YUV 201.6170, 20.4018, -104.0271 Background



This preview shows how black text looks on a background with the YUV color 201.6170, 20.4018, -104.0271.



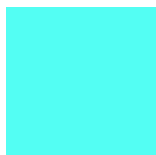
This preview shows how white text looks on a background with the YUV color 201.6170, 20.4018, -104.0271.

-104.0271.

Color Blindness Simulation

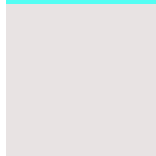
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



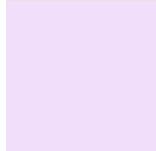
Original Color

201.6170, 20.4018, -104.0271



Protanopia

228.4950, -0.7370, 3.0739



Deuteranopia

230.5740, 9.5770, 8.2666



Tritanopia

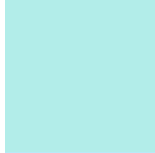
219.8610, 17.3235, -49.8671

Trichromacy



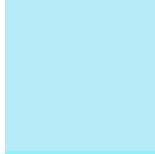
Original Color

201.6170, 20.4018, -104.0271



Protanomaly

218.9030, 6.9498, -35.8719



Deuteranomaly

220.2330, 13.1961, -32.6533



Tritanomaly

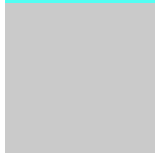
213.0820, 18.6936, -69.3549

Monochromacy



Original Color

201.6170, 20.4018, -104.0271



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

202.0060, 7.3920, -37.7163

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.6170, 20.4018, -104.0271 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(83, 254, 243)` looks like.

```
.text, #text, p{  
    color:rgb(83, 254, 243)  
}
```

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(83, 254, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 254, 243) }
```

Border

The CSS property to change the border of an element to YUV 201.6170, 20.4018, -104.0271 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(83, 254, 243) }
```


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

```
.border{ border-color:rgb(83, 254, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 254, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 254, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 254, 243);  
box-shadow:4px 4px 4px 4px rgb(83, 254,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 201.6170, 20.4018, -104.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 254, 243) }
```

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

```
.background{ background-color: rgb(83, 254,  
243) }
```

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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