

Converting Colors

YUV(188.3230, 32.8718,
-137.0953)

Have a look what the booklet for
YUV(188.3230, 32.8718, -137.0953)
contains.

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Color

**YUV(188.3230, 32.8718,
-137.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	20FFFF
RGB	32, 255, 255
RGB Percent	13%, 100%, 100%
CMY	0.8745, 0.0000, 0.0000
CMYK	0.87, 0.00, 0.00, 0.00
HSL	180°, 100%, 56%
HSV	180°, 87%, 100%
XYZ	54.4057, 79.0471, 106.9979
YIQ	188.3230, -132.9080, -47.2760

Conversions

Conversions Part 2

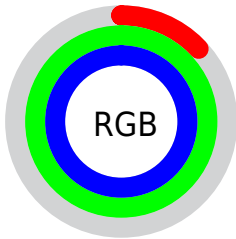
Format	Color
R_{YB}	32, 144, 255
Decimal	2162687
CIE _{Lab}	91.26, -47.16, -13.92
CIE _{LCh}	91, 49.169, 196.440
Yxy	79.0471, 0.2263, 0.3287
Android (android.graphics.Color)	4280352767 (0xFF20FFFF)
YUV	188.3230, 32.8718, -137.0953
Hunter-Lab	88.9084, -46.3604, -9.1173

Details

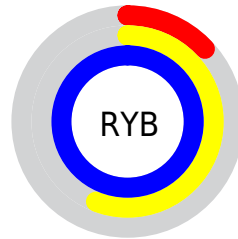
The YUV color **188.3230, 32.8718, -137.0953** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **98.6770, -32.8718, 137.0953**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7280, 18.8681, -78.6915**, and **138.2110, 29.4760, -121.2110** is the 20% darker color. If you saturate the color by 10%, you get **180.8480, 36.5569, -152.4647**, and if you desaturate by 10%, it is **195.7980, 29.1866, -121.7258**.

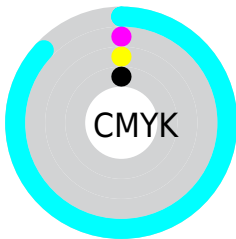
Distribution



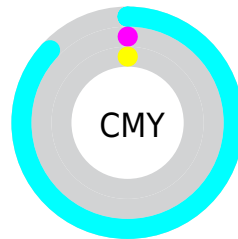
- Red (13%)
- Green (100%)
- Blue (100%)



- Red (13%)
- Yellow (56%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3230, 32.8718, -137.0953 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 188.3230, 32.8718, -137.0953 by changing the saturation by 10% instead.

188.3230, 32.8718,
-137.0953

188.3230, 32.8718,
-137.0953

255.0000, 0.0000,
0.0000

158.4260, 33.3140,
-138.9396

216.7280, 18.8681,
-78.6915

138.2110, 29.4760,
-121.2110

227.1930, 13.7089,
-57.1743

119.2840, 25.4960,
-104.6121

237.3590, 8.6970,
-36.2718

100.4710, 21.9528,
-88.1131

246.9270, 3.9800,
-16.5990

81.6580, 18.4096,
-71.6141

64.1330, 14.7244,
-56.2446

46.8360, 11.9129,

-41.0752

■ 31.3000, 8.2331,
-27.4501

■ 9.0620, 9.3364,
-7.9474

■ 188.3230, 32.8718,
-137.0953

■ 188.3230, 32.8718,
-137.0953

■ 180.8480, 36.5569,
-152.4647

■ 195.7980, 29.1866,
-121.7258

■ 178.7550, 37.5888,
-156.7681

■ 203.5720, 25.3540,
-105.7416

■ 211.0470, 21.6688,
-90.3722

■ 218.8210, 17.8362,
-74.3880

■ 226.5950, 14.0037,
-58.4038

■ 234.0700, 10.3185,
-43.0344

■ 241.8440, 6.4859,
-27.0502

■ 249.3190, 2.8007,
-11.6808

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



208.1630, -1.0664, -78.1960



188.3230, 32.8718, -137.0953



176.4070, 38.7463, -154.7089

Triad

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



188.3230, 32.8718, -137.0953



227.4110, 13.6014, 24.1956



221.1170, -40.9767, 29.7154

Complementary

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



188.3230, 32.8718, -137.0953



98.6770, -32.8718, 137.0953

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.



214.6890, -24.9897, 35.3527



188.3230, 32.8718, -137.0953



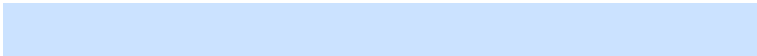
219.5520, 16.4899, 31.0879

Square

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



188.3230, 32.8718, -137.0953



222.4290, 16.0575, -17.0392



213.6070, -3.7503, 36.3017



223.9420, -42.3694, 9.6979

Rectangle

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



188.3230, 32.8718, -137.0953



199.1970, 27.5109, -97.5198



213.6070, -3.7503, 36.3017



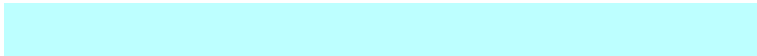
218.2790, -36.6195, 32.2043

Sweetspot

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



188.3230, 32.8718, -137.0953



235.2660, 9.7289, -40.5753



162.9010, -64.5342, -114.8002



116.0400, 5.8963, -24.5911



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.



188.3230, 32.8718, -137.0953



178.7550, 37.5888, -156.7681



123.1660, 64.9942, -79.9526



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

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



124.0990, 64.5342, 114.8002



105.3150, 73.7947, 131.2737



164.4210, -65.2836, 79.4378



120.3690, 3.7621, 6.6924



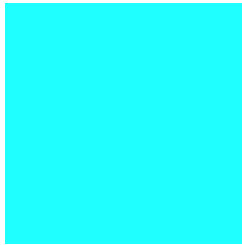
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 188.3230, 32.8718, -137.0953 looks on a white background.

Color Contrast Check

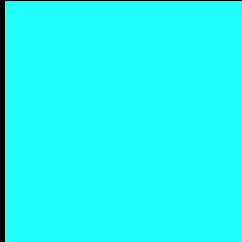
Large Text (above 18pt) WCAG AA × Fail

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 188.3230, 32.8718, -137.0953 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

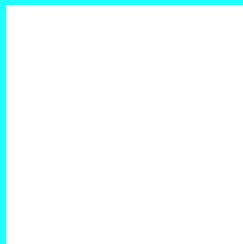
Any Text WCAG AAA ✓ Pass

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

YUV 188.3230, 32.8718, -137.0953 Background



This preview shows how black text looks on a background with the YUV color 188.3230, 32.8718, -137.0953.



This preview shows how white text looks on a background with the YUV color 188.3230, 32.8718, -137.0953.

Color Blindness Simulation

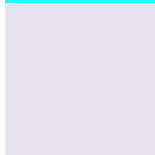
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

188.3230, 32.8718, -137.0953



Protanopia

228.1510, 4.3626, 0.7446



Deuteranopia

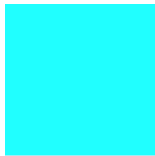
229.3390, 12.6509, 2.3337



Tritanopia

218.3660, 18.0606, -52.9410

Trichromacy



Original Color

188.3230, 32.8718, -137.0953



Protanomaly

213.8780, 14.8501, -49.8820



Deuteranomaly

214.5560, 19.9389, -48.7226



Tritanomaly

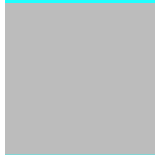
207.5470, 23.3943, -83.7947

Monochromacy



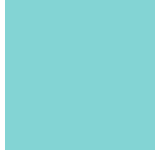
Original Color

188.3230, 32.8718, -137.0953



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.7810, 11.9400, -49.7969

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3230, 32.8718, -137.0953 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(32, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(32, 255, 255)  
}
```

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(32, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 255, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.3230, 32.8718, -137.0953 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(32, 255, 255) }
```


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

```
.border{ border-color:rgb(32, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(32, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.3230, 32.8718, -137.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 255, 255) }
```

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

```
.background{ background-color: rgb(32, 255,  
255) }
```

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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