

Converting Colors

YUV(138.7320, 19.8521,
-20.8130)

Have a look what the booklet for
YUV(138.7320, 19.8521, -20.8130)
contains.

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Color

**YUV(138.7320, 19.8521,
-20.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	738FB3
RGB	115, 143, 179
RGB Percent	45%, 56%, 70%
CMY	0.5490, 0.4392, 0.2980
CMYK	0.36, 0.20, 0.00, 0.30
HSL	214°, 30%, 58%
HSV	214°, 36%, 70%
XYZ	25.0294, 26.5444, 46.4522
YIQ	138.7320, -28.2440, 5.2600

Conversions

Conversions Part 2

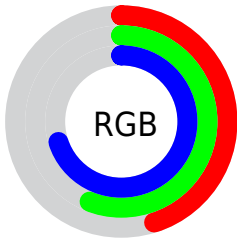
Format	Color
R_{YB}	115, 134, 179
Decimal	7573427
CIE Lab	58.55, -0.85, -22.03
CIE LCh	59, 22.042, 267.783
Yxy	26.5444, 0.2553, 0.2708
Android (android.graphics.Color)	4285763507 (0xFF738FB3)
YUV	138.7320, 19.8521, -20.8130
Hunter-Lab	51.5213, -3.4458, -17.3917

Details

The YUV color **138.7320, 19.8521, -20.8130** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **155.2680, -19.8521, 20.8130**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9600, 20.7257, -21.0129**, and **88.0910, 18.6891, -21.1278** is the 20% darker color. If you saturate the color by 10%, you get **127.4800, 25.3994, -26.7310**, and if you desaturate by 10%, it is **149.9840, 14.3049, -14.8950**.

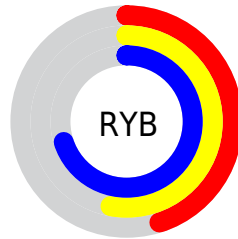
Distribution



Red (45%)

Green (56%)

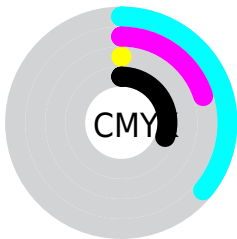
Blue (70%)



Red (45%)

Yellow (53%)

Blue (70%)

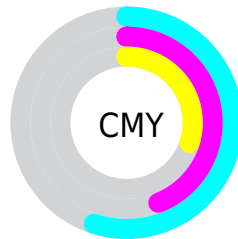


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (44%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.7320, 19.8521, -20.8130 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 138.7320, 19.8521, -20.8130 by changing the saturation by 10% instead.

■ 138.7320, 19.8521,
-20.8130

■ 138.7320, 19.8521,
-20.8130

255.0000, 0.0000,
0.0000

■ 112.6180, 19.4153,
-20.7130

■ 192.9600, 20.7257,
-21.0129

■ 88.0910, 18.6891,
-21.1278

■ 219.7490, 17.3787,
-20.8279

■ 63.3790, 18.5472,
-22.2574

■ 244.8560, 5.0010,
-17.4137

■ 38.7590, 18.8528,
-26.9756

254.7010, 0.1474,
-0.6148

■ 22.0050, 15.7735,
-19.2984

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 138.7320, 19.8521,
-20.8130

■ 138.7320, 19.8521,
-20.8130

■ 127.4800, 25.3994,
-26.7310

■ 149.9840, 14.3049,
-14.8950

■ 116.2280, 30.9466,
-32.6490

■ 161.2360, 8.7577,
-8.9770

■ 104.9760, 36.4938,
-38.5670

■ 172.4880, 3.2104,
-3.0590

■ 93.7240, 42.0411,
-44.4849

■ 183.7400, -2.3368,
2.8590

■ 82.4720, 47.5883,
-50.4029

■ 194.6930, -7.7366,
8.1622

■ 71.5190, 52.9881,
-55.7062

■ 205.9450,
-13.2839, 14.0802

■ 66.1920, 55.6143,
-58.0504

■ 217.1970,
-18.8311, 19.9982

■ 228.1390,
-24.2255, 23.5571

■ 234.0090,
-27.1194, 18.4091

Harmonies

Analogous

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



134.1060, 19.1747, -36.9270



138.7320, 19.8521, -20.8130



142.2400, 16.1507, -0.2105

Triad

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



138.7320, 19.8521, -20.8130



143.0920, -9.4124, 32.3683



135.2290, -7.5079, -18.6178

Complementary

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



138.7320, 19.8521, -20.8130



155.2680, -19.8521, 20.8130

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.



137.8630, -15.7085, -1.6339



138.7320, 19.8521, -20.8130



141.9250, -16.2320, 26.3758

Square

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



138.7320, 19.8521, -20.8130



144.0730, -0.5290, 29.7540



139.8650, -18.6674, 14.1504



133.1760, 2.8712, -34.3574

Rectangle

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



138.7320, 19.8521, -20.8130



143.7640, 11.4553, 12.4850



139.8650, -18.6674, 14.1504



136.0510, -10.8711, -13.1997

Sweetspot

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



138.7320, 19.8521, -20.8130



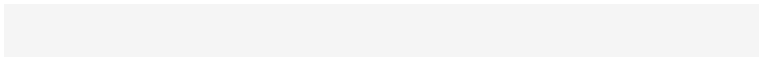
216.3070, 7.7366, -8.1622



156.5580, -3.2331, -36.4464



107.8190, 4.5262, -5.1033



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



138.7320, 19.8521, -20.8130



169.2280, 30.9466, -32.6490



123.1930, 27.5129, -4.5543



83.3740, 2.7736, -2.9590



56.7710, 47.4409, -49.7882



9.4210, 8.1734, -8.2622

Inverse Universe

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



137.3280, 2.7963, 36.5463



166.9160, 4.4784, 57.0787



170.8070, -27.5129, 4.5543



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 138.7320, 19.8521, -20.8130 looks on a white background.

Color Contrast Check

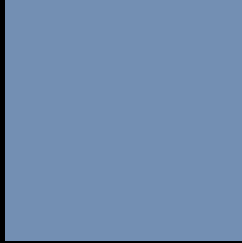
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7320, 19.8521, -20.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

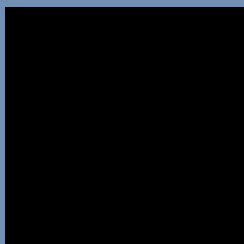
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

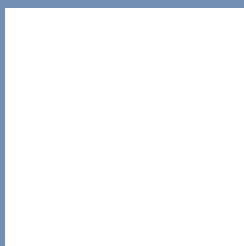
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.7320, 19.8521, -20.8130

Background



This preview shows how black text looks on a background with the YUV color 138.7320, 19.8521, -20.8130.



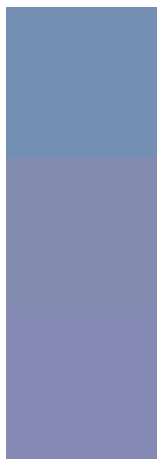
This preview shows how white text looks on a background with the YUV color 138.7320, 19.8521, -20.8130.

-20.8130.

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

138.7320, 19.8521, -20.8130

Protanopia

140.8260, 17.3408, -8.6174

Deuteranopia

141.2930, 19.0826, -7.2730



Tritanopia

137.1910, 10.2588, -23.8465

Trichromacy



Original Color

138.7320, 19.8521, -20.8130

Protanomaly

139.7330, 18.3726, -12.9208

Deuteranomaly

140.3740, 19.5356, -12.6060

Tritanomaly

138.1140, 13.7478, -22.9020

Monochromacy



Original Color

138.7320, 19.8521, -20.8130

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.6060, 7.5892, -7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7320, 19.8521, -20.8130 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(115, 143, 179)` looks like.

```
.text, #text, p{  
    color:rgb(115, 143, 179)  
}
```

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(115, 143, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 143, 179) }
```

Border

The CSS property to change the border of an element to YUV 138.7320, 19.8521, -20.8130 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(115, 143, 179) }
```


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

```
.border{ border-color:rgb(115, 143, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 143, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 143, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 143, 179);  
box-shadow:4px 4px 4px 4px rgb(115, 143,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 138.7320, 19.8521, -20.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 143, 179) }
```

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

```
.background{ background-color: rgb(115,  
143, 179) }
```

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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