

Converting Colors

YUV(136.7260, 22.3201,
-19.0537)

Have a look what the booklet for
YUV(136.7260, 22.3201, -19.0537)
contains.

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Color

**YUV(136.7260, 22.3201,
-19.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	738BB6
RGB	115, 139, 182
RGB Percent	45%, 55%, 71%
CMY	0.5490, 0.4549, 0.2863
CMYK	0.37, 0.24, 0.00, 0.29
HSL	219°, 31%, 58%
HSV	219°, 37%, 71%
XYZ	24.7463, 25.4875, 47.8713
YIQ	136.7260, -28.1070, 8.2850

Conversions

Conversions Part 2

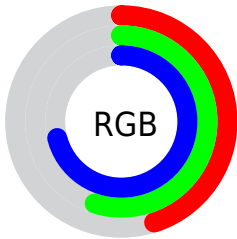
Format	Color
R _Y B	115, 133, 182
Decimal	7572406
CIE Lab	57.55, 2.26, -25.27
CIE LCh	58, 25.374, 275.105
Yxy	25.4875, 0.2522, 0.2598
Android (android.graphics.Color)	4285762486 (0xFF738BB6)
YUV	136.7260, 22.3201, -19.0537
Hunter-Lab	50.4851, -0.8534, -20.8807

Details

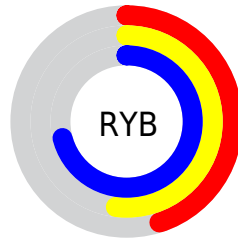
The YUV color $136.7260, 22.3201, -19.0537$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $160.2740, -22.3201, 19.0537$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.3670, 23.4831, -18.7389$, and $85.7860, 21.3045, -19.9833$ is the 20% darker color. If you saturate the color by 10%, you get $124.3000, 28.4461, -23.9421$, and if you desaturate by 10%, it is $149.1520, 16.1941, -14.1653$.

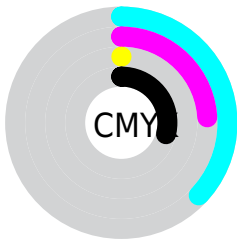
Distribution



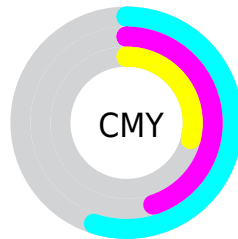
- Red (45%)
- Green (55%)
- Blue (71%)



- Red (45%)
- Yellow (52%)
- Blue (71%)



- Cyan (37%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7260, 22.3201, -19.0537 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 136.7260, 22.3201, -19.0537 by changing the saturation by 10% instead.

■ 136.7260, 22.3201,
-19.0537

■ 136.7260, 22.3201,
-19.0537

255.0000, 0.0000,
0.0000

■ 111.1990, 21.5939,
-19.4685

■ 190.3670, 23.4831,
-18.7389

■ 85.7860, 21.3045,
-19.9833

■ 217.1130, 18.6783,
-17.6391

■ 61.9600, 20.7257,
-21.0129

■ 242.5080, 6.1586,
-15.3545

■ 36.6280, 20.8894,
-26.8608

254.7010, 0.1474,
-0.6148

■ 20.4720, 17.5153,
-17.9539

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 136.7260, 22.3201,
-19.0537

■ 136.7260, 22.3201,
-19.0537

■ 124.3000, 28.4461,
-23.9421

■ 149.1520, 16.1941,
-14.1653

■ 112.4610, 34.2827,
-29.3453

■ 160.9910, 10.3574,
-8.7621

■ 99.7360, 40.5562,
-34.8485

■ 173.7160, 4.0840,
-3.2589

■ 87.3100, 46.6822,
-39.7369

■ 186.1420, -2.0420,
1.6295

■ 75.4710, 52.5188,
-45.1401

■ 197.9810, -7.8786,
7.0327

■ 63.0450, 58.6448,
-50.0285

■ 210.4070,
-14.0047, 11.9211

■ 58.9030, 60.6868,
-51.6579

■ 222.8330,
-20.1307, 16.8095

■ 233.1770,
-25.2303, 19.1388

■ 240.2210,
-28.7030, 12.9612

Harmonies

Analogous

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



131.1100, 23.1168, -41.3155



136.7260, 22.3201, -19.0537



140.3870, 16.5712, 4.9226

Triad

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



136.7260, 22.3201, -19.0537



139.9030, -12.7702, 36.0421



130.9290, -5.8810, -27.1247

Complementary

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



136.7260, 22.3201, -19.0537



160.2740, -22.3201, 19.0537

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.



134.3030, -16.4184, -7.2817



136.7260, 22.3201, -19.0537



139.0130, -19.7264, 27.1756

Square

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



136.7260, 22.3201, -19.0537



141.4220, -3.1660, 35.5869



136.5720, -20.9880, 11.7764



127.7340, 6.5401, -44.4937

Rectangle

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



136.7260, 22.3201, -19.0537



141.3950, 11.1443, 18.9476



136.5720, -20.9880, 11.7764



132.2350, -9.9759, -20.3771

Sweetspot

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



136.7260, 22.3201, -19.0537



219.2470, 8.7522, -7.2326



159.1170, -1.0437, -38.6906



109.3460, 5.2524, -4.6884



247.0000, 0.0000, 0.0000



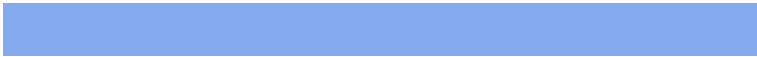
120.0000, 0.0000, 0.0000

Same Dimension

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



136.7260, 22.3201, -19.0537



166.5750, 34.7195, -29.4453



125.3290, 27.9388, -1.1655



85.7870, 3.0630, -2.4442



50.6560, 51.9346, -44.4253



9.0620, 9.3364, -7.9474

Inverse Universe

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



137.7690, 0.6069, 38.7906



168.3140, 0.8312, 60.2376



171.6710, -27.9388, 1.1655



86.0330, -0.0163, 5.2331



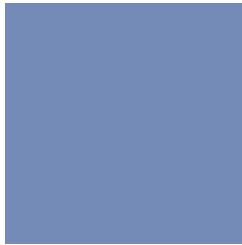
53.0280, 1.4652, 90.3064



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 136.7260, 22.3201, -19.0537 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 136.7260, 22.3201, -19.0537 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

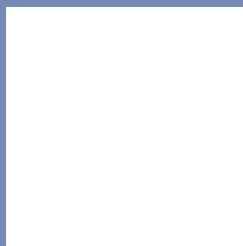
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.7260, 22.3201, -19.0537

Background



This preview shows how black text looks on a background with the YUV color 136.7260, 22.3201, -19.0537.



This preview shows how white text looks on a background with the YUV color 136.7260, 22.3201, -19.0537.

-19.0537.

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

136.7260, 22.3201, -19.0537

Protanopia

138.0260, 20.6932, -10.5468

Deuteranopia

138.6670, 21.8562, -10.2320



Tritanopia

134.7890, 9.9640, -22.6170

Trichromacy



Original Color

136.7260, 22.3201, -19.0537

Protanomaly

137.5310, 21.4302, -13.6207

Deuteranomaly

138.0580, 22.1564, -13.2059

Tritanomaly

135.3530, 14.6160, -21.3576

Monochromacy



Original Color

136.7260, 22.3201, -19.0537

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0190, 7.8786, -7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7260, 22.3201, -19.0537 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, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(115, 139, 182)  
}
```

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, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 139, 182) }
```

Border

The CSS property to change the border of an element to YUV 136.7260, 22.3201, -19.0537 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, 139, 182) }
```


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

```
.border{ border-color:rgb(115, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(115, 139,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 136.7260, 22.3201, -19.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 139, 182) }
```

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

```
.background{ background-color: rgb(115,  
139, 182) }
```

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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