

Converting Colors

YUV(163.5820, -26.4159,
-20.6814)

Have a look what the booklet for
YUV(163.5820, -26.4159, -20.6814)
contains.

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Color

**YUV(163.5820, -26.4159,
-20.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	8CBA6E
RGB	140, 186, 110
RGB Percent	55%, 73%, 43%
CMY	0.4510, 0.2706, 0.5686
CMYK	0.25, 0.00, 0.41, 0.27
HSL	96°, 36%, 58%
HSV	96°, 41%, 73%
XYZ	31.1886, 41.8190, 21.1799
YIQ	163.5820, -3.0200, -33.3880

Conversions

Conversions Part 2

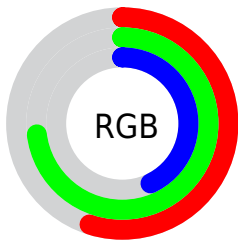
Format	Color
RYB	110, 186, 156
Decimal	9222766
CIELab	70.75, -29.03, 33.68
CIELCh	71, 44.467, 130.764
Yxy	41.8190, 0.3311, 0.4440
Android (android.graphics.Color)	4287412846 (0xFF8CBA6E)
YUV	163.5820, -26.4159, -20.6814
Hunter-Lab	64.6676, -27.0795, 25.8487

Details

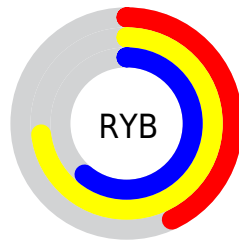
The YUV color **163.5820, -26.4159, -20.6814** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **132.4180, 26.4159, 20.6814**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.9410, -27.5789, -20.9963**, and **111.3370, -24.8161, -20.4665** is the 20% darker color. If you saturate the color by 10%, you get **158.1270, -33.0936, -25.5444**, and if you desaturate by 10%, it is **169.0370, -19.7382, -15.8184**.

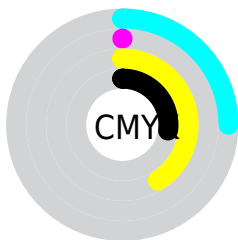
Distribution



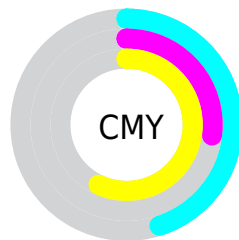
- Red (55%)
- Green (73%)
- Blue (43%)



- Red (43%)
- Yellow (73%)
- Blue (61%)



- Cyan (25%)
- Magenta (0%)
- Yellow (41%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5820, -26.4159, -20.6814 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 163.5820, -26.4159, -20.6814 by changing the saturation by 10% instead.

■ 163.5820,
-26.4159, -20.6814

■ 163.5820,
-26.4159, -20.6814

■ 255.0000, 0.0000,
0.0000

■ 137.1090,
-25.6897, -20.2666

■ 218.9410,
-27.5789, -20.9963

■ 111.3370,
-24.8161, -20.4665

■ 238.0220,
-23.6748, -13.1743

■ 85.5650, -23.9425,
-20.6665

■ 249.8850,
-15.7193, 1.8549

■ 61.1520, -24.2319,
-21.1813

■ 254.0880, -3.4944,
0.7998

■ 38.2210, -18.8430,
-22.9958

■ 21.7190, -10.7075,
-19.0476

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 163.5820,
-26.4159, -20.6814

■ 163.5820,
-26.4159, -20.6814

■ 158.1270,
-33.0936, -25.5444

■ 169.0370,
-19.7382, -15.8184

■ 152.4870,
-39.1871, -31.1221

■ 174.6770,
-13.6448, -10.2407

■ 147.0320,
-45.8648, -35.9851

■ 180.1320, -6.9671,
-5.3778

■ 141.6910,
-52.1057, -40.9480

■ 185.4730, -0.7262,
-0.4148

■ 136.2360,
-58.7833, -45.8110

■ 190.9280, 5.9515,
4.4481

■ 131.0090,
-64.5874, -50.8739

■ 196.6820, 12.4818,
9.9259

■ 202.0230, 18.7227,
14.8888

■ 207.0220, 23.6532,
20.1517

■ 210.3110, 22.0317,
26.9143

Harmonies

Analogous

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



168.2290, -37.5809, 13.8312



163.5820, -26.4159, -20.6814



154.6490, -4.7570, -61.0822

Triad

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



163.5820, -26.4159, -20.6814



149.5390, 49.0343, -94.3117



175.1700, -7.4788, 65.6259

Complementary

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



163.5820, -26.4159, -20.6814



132.4180, 26.4159, 20.6814

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.



177.7070, 11.4834, 50.2460



163.5820, -26.4159, -20.6814



170.0570, 40.3979, -30.7450

Square

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



163.5820, -26.4159, -20.6814



138.3540, 42.7165, -121.3365



177.5530, 28.3214, 16.1780



173.7400, -25.5078, 61.6180

Rectangle

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



163.5820, -26.4159, -20.6814



140.4770, 16.0338, -103.0273



177.5530, 28.3214, 16.1780



176.1680, -1.0688, 62.9967

Sweetspot

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



163.5820, -26.4159, -20.6814



233.6110, -10.1612, -7.5518



159.7260, -24.5149, 23.0423



117.0720, -5.9515, -4.4481



250.0000, 0.0000, 0.0000



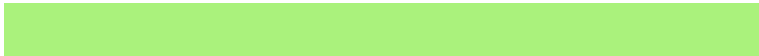
122.0000, 0.0000, 0.0000

Same Dimension

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



163.5820, -26.4159, -20.6814



207.0200, -40.9289, -32.4665



155.5240, -18.4993, -39.9245



89.1800, -3.0467, -2.7889



109.8110, -54.1368, -42.8072



19.7250, -9.7244, -7.6518

Inverse Universe

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



132.4180, 26.4159, 20.6814



158.6810, 41.0763, 31.8518



140.4760, 18.4993, 39.9245



85.5210, 3.1941, 2.1741



45.8900, 54.2842, 42.1925



8.2750, 9.7244, 7.6518

Previews

White Background



This preview shows how the YUV color 163.5820, -26.4159, -20.6814 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 163.5820, -26.4159, -20.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

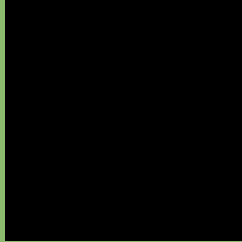
Any Text WCAG AA ✓ Pass

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 163.5820, -26.4159, -20.6814 Background



This preview shows how black text looks on a background with the YUV color 163.5820, -26.4159, -20.6814.



This preview shows how white text looks on a background with the YUV color 163.5820, -26.4159, -20.6814.

-20.6814.

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

163.5820, -26.4159, -20.6814

Protanopia

170.0320, -32.0608, 16.6349

Deuteranopia

171.8580, -28.0310, 30.8195



Tritanopia

170.5340, 10.0897, -16.2543

Trichromacy



Original Color

163.5820, -26.4159, -20.6814

Protanomaly

167.8130, -29.9808, 2.7950

Deuteranomaly

169.1500, -27.6819, 12.1465

Tritanomaly

168.3800, -3.1453, -17.8733

Monochromacy



Original Color

163.5820, -26.4159, -20.6814

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7250, -9.7244, -7.6518

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5820, -26.4159, -20.6814 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(140, 186, 110)` looks like.

```
.text, #text, p{  
    color:rgb(140, 186, 110)  
}
```

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(140, 186, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 186, 110) }
```

Border

The CSS property to change the border of an element to YUV 163.5820, -26.4159, -20.6814 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(140, 186, 110) }
```


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

```
.border{ border-color:rgb(140, 186, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 186, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 186, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 186, 110);  
box-shadow:4px 4px 4px 4px rgb(140, 186,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 163.5820, -26.4159, -20.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 186, 110) }
```

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

```
.background{ background-color: rgb(140,  
186, 110) }
```

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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