

Converting Colors

YUV(106.4020, -23.8622,
-93.3146)

Have a look what the booklet for
YUV(106.4020, -23.8622, -93.3146)
contains.

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Color

**YUV(106.4020, -23.8622,
-93.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	00AA3A
RGB	0, 170, 58
RGB Percent	0%, 67%, 23%
CMY	1.0000, 0.3333, 0.7725
CMYK	1.00, 0.00, 0.66, 0.33
HSL	140°, 100%, 33%
HSV	140°, 100%, 67%
XYZ	15.1384, 29.0549, 8.8133
YIQ	106.4020, -65.3680, -70.8720

Conversions

Conversions Part 2

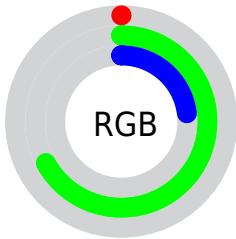
Format	Color
RYB	0, 127, 170
Decimal	43578
CIELab	60.83, -60.13, 45.95
CIELCh	61, 75.681, 142.615
Yxy	29.0549, 0.2856, 0.5481
Android (android.graphics.Color)	4278233658 (0xFF00AA3A)
YUV	106.4020, -23.8622, -93.3146
Hunter-Lab	53.9026, -44.1982, 28.0377

Details

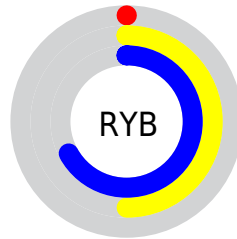
The YUV color **106.4020, -23.8622, -93.3146** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **63.5980, 23.8622, 93.3146**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5960, -31.3528, -70.6827**, and **68.0920, -33.5694, -59.7167** is the 20% darker color. If you saturate the color by 10%, you get **106.4020, -23.8622, -93.3146**, and if you desaturate by 10%, it is **112.7390, -21.5633, -83.9631**.

Distribution



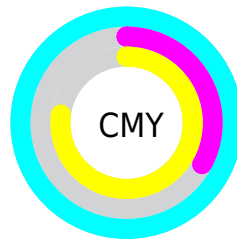
- Red (0%)
- Green (67%)
- Blue (23%)



- Red (0%)
- Yellow (50%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (66%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.4020, -23.8622, -93.3146 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 106.4020, -23.8622, -93.3146 by changing the saturation by 10% instead.

■ 106.4020,
-23.8622, -93.3146

■ 106.4020,
-23.8622, -93.3146

■ 255.0000, 0.0000,
0.0000

■ 87.4750, -27.8422,
-76.7156

■ 173.5960,
-31.3528, -70.6827

■ 68.0920, -33.5694,
-59.7167

■ 202.2650,
-32.6686, -68.6384

■ 52.8300, -26.0452,
-46.3319

■ 214.4270,
-24.8605, -52.9945

■ 38.1550, -18.8104,
-33.4619

■ 226.4750,
-17.4892, -37.2506

■ 24.6540, -12.1544,
-21.6216

■ 238.7510, -9.2442,
-21.7066

■ 3.5220, -1.7363,
-3.0888

■ 251.0270, -0.9993,

■ 0.0000, 0.0000,

-6.1627

0.0000

■ 106.4020,
-23.8622, -93.3146

■ 112.7390,
-21.5633, -83.9631

■ 119.0760,
-19.2645, -74.6117

■ 125.5270,
-16.5288, -65.3602

■ 131.8640,
-14.2300, -56.0087

■ 138.2010,
-11.9311, -46.6573

■ 144.5380, -9.6322,
-37.3058

■ 150.8750, -7.3334,
-27.9544

■ 157.3260, -4.5977,
-18.7029

■ 163.6630, -2.2989,
-9.3515

Harmonies

Analogous

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



131.0180, -64.5919, -2.6468



106.4020, -23.8622, -93.3146



117.7900, 4.5405, -103.3018

Triad

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



106.4020, -23.8622, -93.3146



122.9900, 65.0809, -107.8622



133.4310, -16.4815, 106.6160

Complementary

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



106.4020, -23.8622, -93.3146



63.5980, 23.8622, 93.3146

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.



138.0200, 13.7941, 102.5915



106.4020, -23.8622, -93.3146



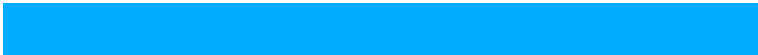
140.5960, 56.4012, -30.3407

Square

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



106.4020, -23.8622, -93.3146



129.8060, 60.7346, -113.8399



149.3570, 39.2640, 53.1839



138.9500, -50.7544, 85.9898

Rectangle

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



106.4020, -23.8622, -93.3146



123.7350, 24.7806, -108.5156



149.3570, 39.2640, 53.1839



132.4170, -5.1356, 107.5053

Sweetspot

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



106.4020, -23.8622, -93.3146



196.9510, -9.3428, -36.7910



133.5770, -65.8535, -18.0460



97.0760, -5.4605, -21.9917



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



106.4020, -23.8622, -93.3146



138.9780, -31.0482, -121.8837



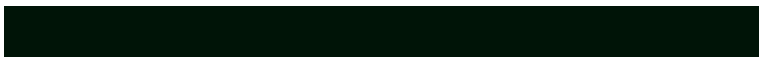
115.9780, 12.8288, -101.7127



81.0380, -1.0047, -4.4183



92.5760, -20.9900, -81.1892



12.5380, -2.7302, -10.9958

Inverse Universe

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



63.5980, 23.8622, 93.3146



83.0220, 31.0482, 121.8837



54.0220, -12.8288, 101.7127



78.9620, 1.0047, 4.4183



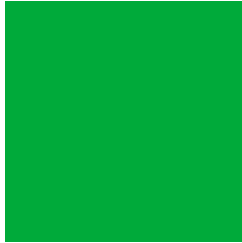
55.3100, 20.5532, 81.2891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 106.4020, -23.8622, -93.3146 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 106.4020, -23.8622, -93.3146 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 106.4020, -23.8622, -93.3146 Background



This preview shows how black text looks on a background with the YUV color 106.4020, -23.8622, -93.3146.



This preview shows how white text looks on a background with the YUV color 106.4020, -23.8622, -93.3146.

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



Protanopia

140.2530, -44.0017, 19.9491

Deuteranopia

143.1650, -37.0563, 32.3043

Tritanopia

133.5720, 18.9450, -56.6296

Trichromacy



Protanomaly

128.2370, -36.5988, -21.2558

Deuteranomaly

129.7310, -32.4054, -12.9191

Tritanomaly

123.7710, 3.5639, -69.9592

Monochromacy



Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9020, -8.3327, -34.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.4020, -23.8622, -93.3146 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(0, 170, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 170, 58)  
}
```

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(0, 170, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 170, 58) }
```

Border

The CSS property to change the border of an element to YUV 106.4020, -23.8622, -93.3146 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(0, 170, 58) }
```

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

```
.border{ border-color:rgb(0, 170, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 170, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 170, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 170, 58);  
box-shadow:4px 4px 4px 4px rgb(0, 170, 58)  
}
```


Background

The CSS property to change the background color of an element to YUV 106.4020, -23.8622, -93.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 170, 58) }
```

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

```
.background{ background-color: rgb(0, 170,  
58) }
```

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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