

Converting Colors

YUV(107.1300, 22.6139,
-66.7660)

Have a look what the booklet for
YUV(107.1300, 22.6139, -66.7660)
contains.

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Color

**YUV(107.1300, 22.6139,
-66.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	1F8999
RGB	31, 137, 153
RGB Percent	12%, 54%, 60%
CMY	0.8784, 0.4627, 0.4000
CMYK	0.80, 0.10, 0.00, 0.40
HSL	188°, 66%, 36%
HSV	188°, 80%, 60%
XYZ	15.2605, 20.4825, 33.2862
YIQ	107.1300, -68.3120, -17.4960

Conversions

Conversions Part 2

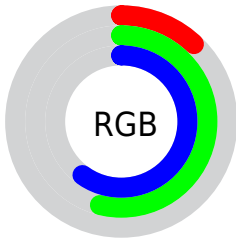
Format	Color
R_{YB}	31, 88, 153
Decimal	2066841
CIE _{Lab}	52.38, -22.98, -16.84
CIE _{LCh}	52, 28.486, 216.231
Y _{xy}	20.4825, 0.2211, 0.2967
Android (android.graphics.Color)	4280256921 (0xFF1F8999)
Y _{UV}	107.1300, 22.6139, -66.7660
Hunter-Lab	45.2576, -19.0121, -11.9264




Details

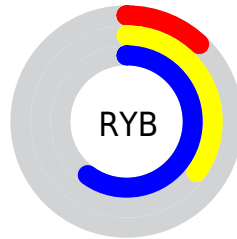
The YUV color **107.1300, 22.6139, -66.7660** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **76.8700, -22.6139, 66.7660**, and the grayscale version is **107.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **165.0170, 20.6976, -58.7739**, and **62.6970, 19.3764, -54.9853** is the 20% darker color. If you saturate the color by 10%, you get **101.4710, 25.4038, -74.9581**, and if you desaturate by 10%, it is **112.7890, 19.8240, -58.5740**.

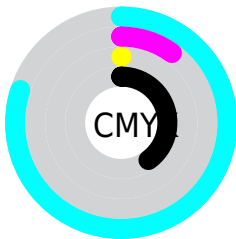
Distribution







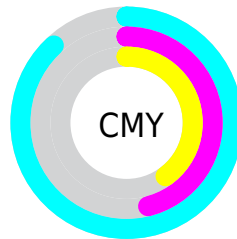
-  Red (12%)
-  Green (54%)
-  Blue (60%)






-  Red (12%)
-  Yellow (35%)
-  Blue (60%)



-  Cyan (80%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (88%)
-  Magenta (46%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1300, 22.6139, -66.7660 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 107.1300, 22.6139, -66.7660 by changing the saturation by 10% instead.

■ 107.1300, 22.6139,
-66.7660

■ 107.1300, 22.6139,
-66.7660

■ 255.0000, 0.0000,
0.0000

■ 79.6350, 23.3509,
-69.8399

■ 165.0170, 20.6976,
-58.7739

■ 62.6970, 19.3764,
-54.9853

■ 193.4300, 20.9870,
-58.2591

■ 45.8730, 15.8386,
-40.2306

■ 220.7030, 16.9084,
-56.7445

■ 30.3370, 12.1589,
-26.6055

■ 234.0700, 10.3185,
-43.0344

■ 13.8550, 9.9315,
-12.1508

■ 242.7410, 6.0437,
-25.2059

■ 1.0260, 3.9312,
-0.8998

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 107.1300, 22.6139,
-66.7660

■ 107.1300, 22.6139,
-66.7660

■ 101.4710, 25.4038,
-74.9581

■ 112.7890, 19.8240,
-58.5740

■ 95.5130, 28.3411,
-83.7649

■ 118.7470, 16.8867,
-49.7671

■ 124.4060, 14.0968,
-41.5751

■ 130.0650, 11.3070,
-33.3830

■ 135.7240, 8.5171,
-25.1909

■ 141.6820, 5.5798,
-16.3841

■ 147.3410, 2.7899,
-8.1921

■ 153.0000, 0.0000,
0.0000

■ 158.9580, -2.9373,
8.8068

Harmonies

Analogous

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



110.3630, 9.1880, -53.8154



107.1300, 22.6139, -66.7660



114.6790, 26.7803, -49.7075

Triad

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



107.1300, 22.6139, -66.7660



128.3530, 8.2070, 27.7544



122.7030, -23.0246, 11.6615

Complementary

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



107.1300, 22.6139, -66.7660



76.8700, -22.6139, 66.7660

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.



125.1550, -21.7684, 28.8051



107.1300, 22.6139, -66.7660



127.4440, -3.1769, 39.0756

Square

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



107.1300, 22.6139, -66.7660



127.7400, 17.8762, 6.3670



126.1700, -14.3808, 39.3159



120.0640, -17.2866, -8.8261

Rectangle

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



107.1300, 22.6139, -66.7660



120.2730, 25.9944, -30.9344



126.1700, -14.3808, 39.3159



123.3340, -23.3357, 18.1241

Sweetspot

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



107.1300, 22.6139, -66.7660



181.1260, 8.8119, -26.4205



104.2100, -29.1905, -64.2052



88.8670, 4.9956, -15.6694



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



107.1300, 22.6139, -66.7660



127.2160, 35.3895, -104.5524



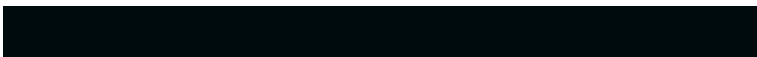
72.4970, 39.6880, -36.3929



73.4340, 1.7580, -3.8886



87.5740, 25.8460, -76.8024



7.9390, 2.4951, -6.9625

Inverse Universe

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



79.5620, 28.3169, 64.4051



84.0330, 44.3537, 100.8261



111.5030, -39.6880, 36.3929



72.0760, 1.4415, 4.3183



55.7680, 32.6524, 73.8715



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 107.1300, 22.6139, -66.7660 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 107.1300, 22.6139, -66.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

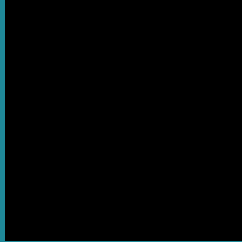
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 107.1300, 22.6139, -66.7660

Background



This preview shows how black text looks on a background with the YUV color 107.1300, 22.6139, -66.7660.



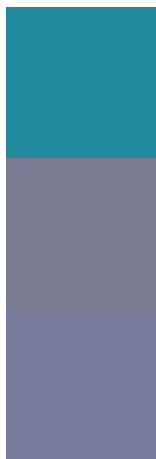
This preview shows how white text looks on a background with the YUV color 107.1300, 22.6139, -66.7660.

-66.7660.

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

107.1300, 22.6139, -66.7660

Protanopia

124.7960, 9.4676, -3.3291

Deuteranopia

125.2780, 15.1459, -4.6288



Tritanopia

106.0650, 21.1670, -69.3400

Trichromacy



Original Color

107.1300, 22.6139, -66.7660

Protanomaly

118.2060, 14.1954, -26.4907

Deuteranomaly

118.5310, 17.9792, -26.7757

Tritanomaly

106.4780, 21.4563, -68.8252

Monochromacy



Original Color

107.1300, 22.6139, -66.7660

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1300, 22.6139, -66.7660 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(31, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(31, 137, 153)  
}
```

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(31, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 137, 153) }
```

Border

The CSS property to change the border of an element to YUV 107.1300, 22.6139, -66.7660 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(31, 137, 153) }
```


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

```
.border{ border-color:rgb(31, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(31, 137,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 107.1300, 22.6139, -66.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 137, 153) }
```

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

```
.background{ background-color: rgb(31, 137,  
153) }
```

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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