

Converting Colors

YUV(118.4780, -42.6337,
-92.5042)

Have a look what the booklet for
YUV(118.4780, -42.6337, -92.5042)
contains.

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Color

**YUV(118.4780, -42.6337,
-92.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	0DBD20
RGB	13, 189, 32
RGB Percent	5%, 74%, 13%
CMY	0.9490, 0.2588, 0.8745
CMYK	0.93, 0.00, 0.83, 0.26
HSL	126°, 87%, 40%
HSV	126°, 93%, 74%
XYZ	18.6243, 36.5850, 7.4465
YIQ	118.4780, -54.4990, -86.1390

Conversions

Conversions Part 2

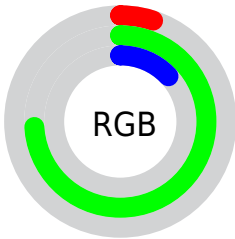
Format	Color
RYB	13, 172, 189
Decimal	900384
CIELab	66.96, -67.19, 61.25
CIElCh	67, 90.922, 137.647
Yxy	36.5850, 0.2972, 0.5839
Android (android.graphics.Color)	4279090464 (0xFF0DBD20)
YUV	118.4780, -42.6337, -92.5042
Hunter-Lab	60.4856, -50.8873, 35.0406

Details

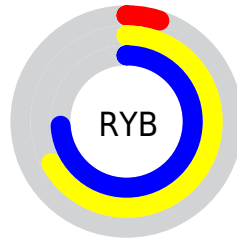
The YUV color **118.4780, -42.6337, -92.5042** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **83.5220, 42.6337, 92.5042**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.2740, -46.4771, -73.0313**, and **78.6580, -38.7784, -68.9831** is the 20% darker color. If you saturate the color by 10%, you get **113.2230, -45.9589, -99.2966**, and if you desaturate by 10%, it is **126.0970, -38.0088, -82.5231**.

Distribution



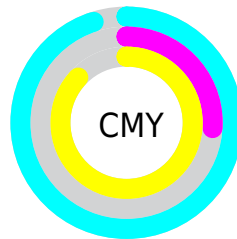
- Red (5%)
- Green (74%)
- Blue (13%)



- Red (5%)
- Yellow (67%)
- Blue (74%)



- Cyan (93%)
- Magenta (0%)
- Yellow (83%)
- Black (26%)



- Cyan (95%)
- Magenta (26%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.4780, -42.6337, -92.5042 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 118.4780, -42.6337, -92.5042 by changing the saturation by 10% instead.


 118.4780,
-42.6337, -92.5042


 118.4780,
-42.6337, -92.5042


255.0000, 0.0000,
0.0000


 94.5070, -46.5920,
-82.8826


 186.2740,
-46.4771, -73.0313

 78.6580, -38.7784,
-68.9831


 203.6160,
-41.7157, -60.1762

 62.8090, -30.9648,
-55.0835


 216.0770,
-34.0550, -43.9175

 47.5470, -23.4407,
-41.6987

 228.2390,
-26.2468, -28.2736

 34.0460, -16.7847,
-29.8583

 240.8140,
-18.1493, -12.1149

 18.7840, -9.2605,
-16.4736

 252.4920, -9.6096,

 0.0000, 0.0000,

2.1995

0.0000

■ 118.4780,
-42.6337, -92.5042

■ 118.4780,
-42.6337, -92.5042

■ 113.2230,
-45.9589, -99.2966

■ 126.0970,
-38.0088, -82.5231

■ 133.7160,
-33.3840, -72.5419

■ 141.3350,
-28.7592, -62.5608

■ 148.8400,
-24.5711, -52.4797

■ 156.4590,
-19.9463, -42.4985

■ 163.7790,
-15.1740, -33.1322

■ 171.3980,
-10.5492, -23.1510

■ 179.0170, -5.9244,
-13.1699

■ 186.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



147.2870, -72.6125, 3.2563



118.4780, -42.6337, -92.5042



129.3020, -2.1209, -113.3979

Triad

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



118.4780, -42.6337, -92.5042



136.4910, 58.4249, -119.7026



126.7920, -3.8415, 112.4384

Complementary

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



118.4780, -42.6337, -92.5042



83.5220, 42.6337, 92.5042

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.



137.7870, 30.6710, 102.7958



118.4780, -42.6337, -92.5042



133.2000, 60.0474, -79.9824

Square

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



118.4780, -42.6337, -92.5042



143.5350, 54.9522, -125.8802



162.9640, 45.3737, 53.5286



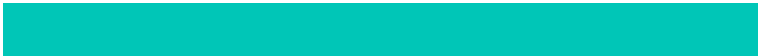
143.3860, -51.9553, 97.8855

Rectangle

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



118.4780, -42.6337, -92.5042



137.0880, 22.6346, -120.2262



162.9640, 45.3737, 53.5286



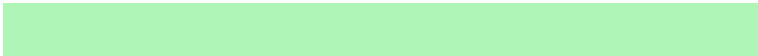
125.1740, 10.2672, 113.8574

Sweetspot

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



118.4780, -42.6337, -92.5042



217.4150, -16.4736, -36.3210



163.5540, -74.2231, 6.5301



105.5230, -10.1178, -21.5067



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.



118.4780, -42.6337, -92.5042



146.7790, -59.5440, -128.7252



128.3960, -4.6322, -101.2023



90.3970, -2.1677, -4.7332



94.6840, -38.2982, -83.0379



18.5390, -7.6607, -16.2587

Inverse Universe

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



83.5220, 42.6337, 92.5042



98.1070, 59.1072, 128.8252



73.6040, 4.6322, 101.2023



88.6030, 2.1677, 4.7332



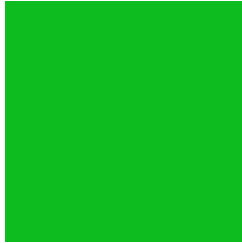
63.3160, 38.2982, 83.0379



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 118.4780, -42.6337, -92.5042 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 118.4780, -42.6337, -92.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

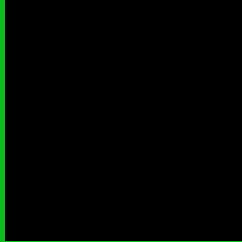
Any Text WCAG AA ✓ Pass

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 118.4780, -42.6337, -92.5042 Background



This preview shows how black text looks on a background with the YUV color 118.4780, -42.6337, -92.5042.



This preview shows how white text looks on a background with the YUV color 118.4780, -42.6337, -92.5042.

-92.5042.

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

118.4780, -42.6337, -92.5042

Protanopia

152.3620, -62.7895, 25.9925

Deuteranopia

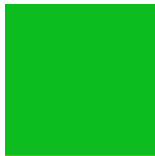
156.0230, -51.7763, 40.3218



Tritanopia

148.5930, 20.4137, -61.0331

Trichromacy



Original Color

118.4780, -42.6337, -92.5042



Protanomaly

140.3350, -55.3812, -16.9568



Deuteranomaly

142.2250, -48.4249, -8.0903



Tritanomaly

137.8540, -2.3930, -72.6630

Monochromacy



Original Color

118.4780, -42.6337, -92.5042



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.3660, -15.4634, -33.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4780, -42.6337, -92.5042 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(13, 189, 32)` looks like.

```
.text, #text, p{  
    color:rgb(13, 189, 32)  
}
```

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(13, 189, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 189, 32) }
```

Border

The CSS property to change the border of an element to YUV 118.4780, -42.6337, -92.5042 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(13, 189, 32) }
```


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

```
.border{ border-color:rgb(13, 189, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 189, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 189, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 189, 32);  
box-shadow:4px 4px 4px 4px rgb(13, 189,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 118.4780, -42.6337, -92.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 189, 32) }
```

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

```
.background{ background-color: rgb(13, 189,  
32) }
```

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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