

Converting Colors

YUV(112.9900, 38.4589,
-62.2582)

Have a look what the booklet for
YUV(112.9900, 38.4589, -62.2582)
contains.

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Color

**YUV(112.9900, 38.4589,
-62.2582)**

Conversions

Conversions Part 1

Format	Color
Hex	2A86BF
RGB	42, 134, 191
RGB Percent	16%, 53%, 75%
CMY	0.8353, 0.4745, 0.2510
CMYK	0.78, 0.30, 0.00, 0.25
HSL	203°, 64%, 46%
HSV	203°, 78%, 75%
XYZ	18.8839, 21.3040, 52.4070
YIQ	112.9900, -73.1290, -1.7770

Conversions

Conversions Part 2

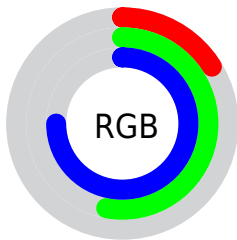
Format	Color
R_{YB}	42, 99, 191
Decimal	2787007
CIE _{Lab}	53.28, -6.87, -37.29
CIE _{LCh}	53, 37.915, 259.566
Yxy	21.3040, 0.2039, 0.2301
Android (android.graphics.Color)	4280977087 (0xFF2A86BF)
YUV	112.9900, 38.4589, -62.2582
Hunter-Lab	46.1563, -7.7438, -35.0100




Details

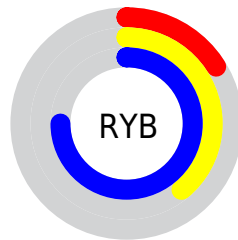
The YUV color **112.9900, 38.4589, -62.2582** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **120.0100, -38.4589, 62.2582**, and the grayscale version is **113.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **170.9310, 37.9950, -53.4365**, and **65.5130, 35.2431, -57.4549** is the 20% darker color. If you saturate the color by 10%, you get **103.2000, 43.2854, -70.3354**, and if you desaturate by 10%, it is **122.7800, 33.6325, -54.1811**.

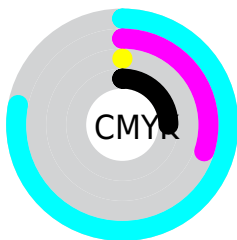
Distribution







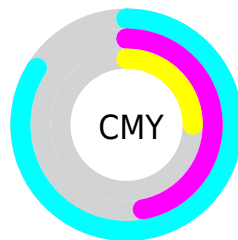
-  Red (16%)
-  Green (53%)
-  Blue (75%)






-  Red (16%)
-  Yellow (39%)
-  Blue (75%)



-  Cyan (78%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (84%)
-  Magenta (47%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9900, 38.4589, -62.2582 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 112.9900, 38.4589, -62.2582 by changing the saturation by 10% instead.

■ 112.9900, 38.4589,
-62.2582

■ 112.9900, 38.4589,
-62.2582

■ 255.0000, 0.0000,
0.0000

■ 82.6790, 40.0913,
-72.5095

■ 170.9310, 37.9950,
-53.4365

■ 65.5130, 35.2431,
-57.4549

■ 197.1350, 28.5274,
-50.1074

■ 49.1620, 30.9791,
-43.1151

■ 222.2420, 16.1497,
-46.6932

■ 33.3980, 26.4258,
-29.2900

■ 238.2560, 8.2548,
-34.4275

■ 18.9220, 21.7305,
-16.5946

■ 247.2260, 3.8326,
-15.9842

■ 6.4350, 17.0405,
-5.6435

■ 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 112.9900, 38.4589,
-62.2582

■ 112.9900, 38.4589,
-62.2582

■ 103.2000, 43.2854,
-70.3354

■ 122.7800, 33.6325,
-54.1811

■ 92.8230, 48.4013,
-77.8978

■ 133.1570, 28.5166,
-46.6187

■ 91.0400, 49.2803,
-79.8421

■ 142.9470, 23.6901,
-38.5415

■ 152.7370, 18.8637,
-30.4643

■ 163.4130, 13.6004,
-22.2872

■ 173.2030, 8.7739,
-14.2100

■ 182.9930, 3.9475,
-6.1329

■ 192.7830, -0.8790,
1.9443

■ 203.1600, -5.9949,
9.5067

Harmonies

Analogous

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



102.8310, 36.0723, -90.1828



112.9900, 38.4589, -62.2582



127.2350, 30.4501, -13.3611

Triad

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



112.9900, 38.4589, -62.2582



127.9960, -10.3510, 53.5005



117.4810, -16.5061, -25.8548

Complementary

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



112.9900, 38.4589, -62.2582



120.0100, -38.4589, 62.2582

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.



122.4540, -28.8178, 3.1098



112.9900, 38.4589, -62.2582



127.3960, -23.8592, 46.1337

Square

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



112.9900, 38.4589, -62.2582



130.2520, 4.8058, 45.3830



125.0380, -31.0777, 28.0307



106.8040, 3.5476, -64.7261

Rectangle

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



112.9900, 38.4589, -62.2582



130.8530, 23.2435, 11.5299



125.0380, -31.0777, 28.0307



119.4670, -21.9222, -15.3186

Sweetspot

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



112.9900, 38.4589, -62.2582



217.6300, 14.4794, -24.2315



135.7330, -19.0954, -82.2038



106.9040, 8.9213, -14.8248



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



112.9900, 38.4589, -62.2582



125.3890, 59.9542, -96.8112



70.7260, 59.2951, -25.1927



89.5480, 2.1948, -3.9886



75.5380, 40.6538, -66.2468



14.6870, 8.0423, -12.8805

Inverse Universe

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



97.0390, 18.2218, 82.4038



100.6700, 28.2637, 128.3314



162.2740, -59.2951, 25.1927



88.3750, 1.2941, 4.9331



58.4140, 19.5159, 87.3369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 112.9900, 38.4589, -62.2582 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 112.9900, 38.4589, -62.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

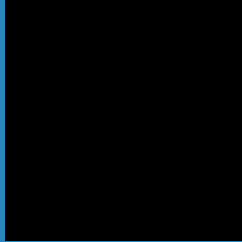
Any Text WCAG AA ✓ Pass

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 112.9900, 38.4589, -62.2582 Background



This preview shows how black text looks on a background with the YUV color 112.9900, 38.4589, -62.2582.

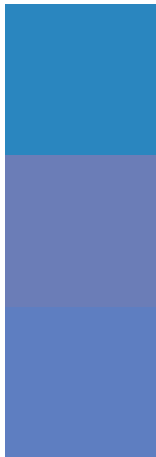


This preview shows how white text looks on a background with the YUV color 112.9900, 38.4589, -62.2582.

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

112.9900, 38.4589, -62.2582

Protanopia

126.2300, 27.9876, -16.8647

Deuteranopia

124.0700, 33.9825, -26.3714



Tritanopia

100.0950, 25.5892, -87.7833

Trichromacy



Original Color

112.9900, 38.4589, -62.2582

Protanomaly

121.1570, 31.9676, -33.4637

Deuteranomaly

120.0360, 35.4783, -39.4966

Tritanomaly

104.4150, 30.3614, -78.4170

Monochromacy



Original Color

112.9900, 38.4589, -62.2582

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1140, 13.7478, -22.9020

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9900, 38.4589, -62.2582 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(42, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(42, 134, 191)  
}
```

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(42, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 134, 191) }
```

Border

The CSS property to change the border of an element to YUV 112.9900, 38.4589, -62.2582 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(42, 134, 191) }
```


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

```
.border{ border-color:rgb(42, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(42, 134,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 112.9900, 38.4589, -62.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 134, 191) }
```

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

```
.background{ background-color: rgb(42, 134,  
191) }
```

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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