

Converting Colors

YUV(112.1240, 11.7709,
-42.2047)

Have a look what the booklet for
YUV(112.1240, 11.7709, -42.2047)
contains.

YUV(112.1240, 11.7709, -42.2047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.1240, 11.7709,
-42.2047)**

Conversions

Conversions Part 1

Format	Color
Hex	408488
RGB	64, 132, 136
RGB Percent	25%, 52%, 53%
CMY	0.7490, 0.4824, 0.4667
CMYK	0.53, 0.03, 0.00, 0.47
HSL	183°, 36%, 39%
HSV	183°, 53%, 53%
XYZ	14.8096, 19.3701, 26.2508
YIQ	112.1240, -41.8120, -13.1720

Conversions

Conversions Part 2

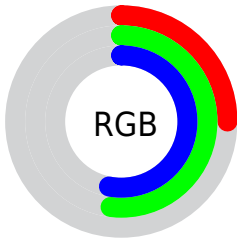
Format	Color
R_{YB}	64, 99, 136
Decimal	4228232
CIE _{Lab}	51.12, -20.25, -8.76
CIE _{LCh}	51, 22.059, 203.392
Yxy	19.3701, 0.2451, 0.3205
Android (android.graphics.Color)	4282418312 (0xFF408488)
YUV	112.1240, 11.7709, -42.2047
Hunter-Lab	44.0115, -16.9561, -4.5557




Details

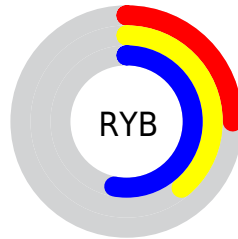
The YUV color **112.1240, 11.7709, -42.2047** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87.8760, -11.7709, 42.2047**, and the grayscale version is **112.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **165.4230, 11.6235, -41.5900**, and **57.9380, 13.8346, -50.8116** is the 20% darker color. If you saturate the color by 10%, you get **107.3510, 14.1240, -50.2968**, and if you desaturate by 10%, it is **116.8970, 9.4178, -34.1127**.

Distribution







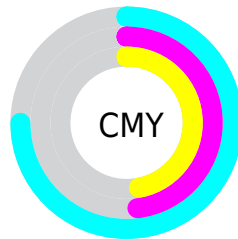
-  Red (25%)
-  Green (52%)
-  Blue (53%)






-  Red (25%)
-  Yellow (39%)
-  Blue (53%)



-  Cyan (53%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (75%)
-  Magenta (48%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1240, 11.7709, -42.2047 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 112.1240, 11.7709, -42.2047 by changing the saturation by 10% instead.

■ 112.1240, 11.7709,
-42.2047

■ 112.1240, 11.7709,
-42.2047

■ 255.0000, 0.0000,
0.0000

■ 85.9280, 12.3605,
-44.6639

■ 165.4230, 11.6235,
-41.5900

■ 57.9380, 13.8346,
-50.8116

■ 193.1240, 11.7709,
-42.2047

■ 41.8150, 10.4442,
-36.6718

■ 221.7110, 11.4815,
-42.7195

■ 26.3930, 7.2013,
-23.1467

■ 238.8540, 7.9600,
-33.1980

■ 7.6770, 6.5682,
-6.7327

■ 247.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 112.1240, 11.7709,
-42.2047

■ 112.1240, 11.7709,
-42.2047

■ 107.3510, 14.1240,
-50.2968

■ 116.8970, 9.4178,
-34.1127

■ 102.8770, 16.3296,
-57.7741

■ 121.3710, 7.2121,
-26.6354

■ 98.6910, 18.3933,
-66.3810

■ 125.5570, 5.1484,
-18.0285

■ 94.2170, 20.5990,
-73.8583

■ 130.0310, 2.9427,
-10.5512

■ 90.6400, 22.3625,
-79.4913

■ 134.8040, 0.5896,
-2.4591

■ 139.5770, -1.7635,
5.6330

■ 143.4640, -3.6798,
13.6251

■ 148.2370, -6.0328,

21.7172

■ 152.7110, -8.2385,
29.1945

Harmonies

Analogous

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



113.8450, 1.5554, -32.3131



112.1240, 11.7709, -42.2047



114.1550, 18.1646, -39.6009

Triad

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



112.1240, 11.7709, -42.2047



124.6180, 9.5553, 15.2440



121.1040, -17.7993, 15.6948

Complementary

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



112.1240, 11.7709, -42.2047



87.8760, -11.7709, 42.2047

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.



122.5660, -15.0690, 26.6906



112.1240, 11.7709, -42.2047



124.5180, 1.2236, 27.6097

Square

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



112.1240, 11.7709, -42.2047



122.6310, 16.4509, -3.1844



124.1350, -7.9546, 31.4536



119.1730, -15.8613, 0.7253

Rectangle

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



112.1240, 11.7709, -42.2047



117.2640, 19.5898, -30.0495



124.1350, -7.9546, 31.4536



121.8380, -17.6681, 20.3131

Sweetspot

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



112.1240, 11.7709, -42.2047



166.4540, 4.7062, -16.1842



106.7200, -19.0890, -37.4654



83.3300, 2.7953, -9.9364



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



112.1240, 11.7709, -42.2047



138.6910, 18.3933, -66.3810



90.9920, 22.1889, -23.6720



66.3200, 1.3212, -3.7886



88.5370, 21.9203, -77.6469



3.5050, 0.7370, -3.0739

Inverse Universe

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



93.2800, 19.0890, 37.4654



108.9850, 30.0804, 58.7722



109.0080, -22.1889, 23.6720



64.7770, 1.5889, 3.7036



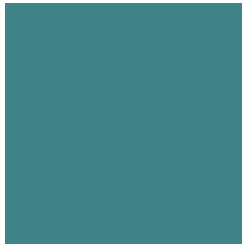
54.0170, 34.9946, 69.2681



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 112.1240, 11.7709, -42.2047 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 112.1240, 11.7709, -42.2047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

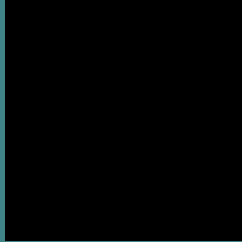
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.1240, 11.7709, -42.2047

Background



This preview shows how black text looks on a background with the YUV color 112.1240, 11.7709, -42.2047.



This preview shows how white text looks on a background with the YUV color 112.1240, 11.7709, -42.2047.

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

112.1240, 11.7709, -42.2047

Protanopia

121.3250, 3.7838, -0.2850

Deuteranopia

122.1880, 8.2883, 1.5891



Tritanopia

112.8190, 14.3862, -41.0603

Trichromacy



Original Color

112.1240, 11.7709, -42.2047

Protanomaly

117.7360, 7.0322, -15.5545

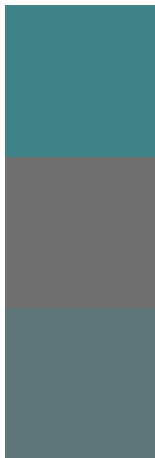
Deuteranomaly

118.4310, 9.6475, -14.4100

Tritanomaly

112.2920, 13.6600, -41.4751

Monochromacy



Original Color

112.1240, 11.7709, -42.2047

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0520, 4.4114, -14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1240, 11.7709, -42.2047 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(64, 132, 136)` looks like.

```
.text, #text, p{  
    color:rgb(64, 132, 136)  
}
```

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(64, 132, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 132, 136) }
```

Border

The CSS property to change the border of an element to YUV 112.1240, 11.7709, -42.2047 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(64, 132, 136) }
```


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

```
.border{ border-color:rgb(64, 132, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 132, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 132, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 132, 136);  
box-shadow:4px 4px 4px 4px rgb(64, 132,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 112.1240, 11.7709, -42.2047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 132, 136) }
```

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

```
.background{ background-color: rgb(64, 132,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor