

Converting Colors

YUV(112.2370, 0.3762,
-27.3948)

Have a look what the booklet for
YUV(112.2370, 0.3762, -27.3948)
contains.

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Color

**YUV(112.2370, 0.3762,
-27.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	518071
RGB	81, 128, 113
RGB Percent	32%, 50%, 44%
CMY	0.6824, 0.4980, 0.5569
CMYK	0.37, 0.00, 0.12, 0.50
HSL	161°, 22%, 41%
HSV	161°, 37%, 50%
XYZ	14.0931, 18.3799, 18.4277
YIQ	112.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

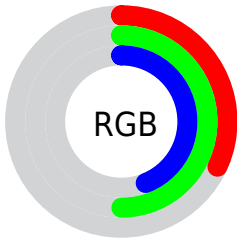
Format	Color
R_{YB}	81, 109, 128
Decimal	5341297
CIE _{Lab}	49.95, -19.64, 3.08
CIE _{LCh}	50, 19.881, 171.074
Yxy	18.3799, 0.2769, 0.3611
Android (android.graphics.Color)	4283531377 (0xFF518071)
YUV	112.2370, 0.3762, -27.3948
Hunter-Lab	42.8718, -16.3478, 4.5255

Details

The YUV color **112.2370, 0.3762, -27.3948** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96.7630, -0.3762, 27.3948**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5250, 0.2342, -28.5244**, and **63.3510, 0.8130, -27.4948** is the 20% darker color. If you saturate the color by 10%, you get **107.8940, 0.5453, -34.9870**, and if you desaturate by 10%, it is **116.5800, 0.2071, -19.8027**.

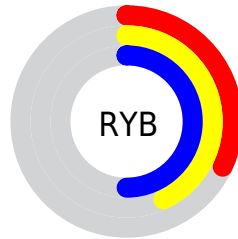
Distribution



Red (32%)

Green (50%)

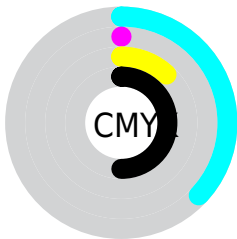
Blue (44%)



Red (32%)

Yellow (43%)

Blue (50%)

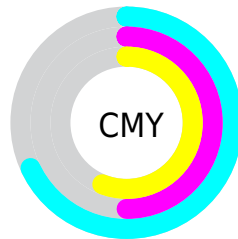


Cyan (37%)

Magenta (0%)

Yellow (12%)

Black (50%)



Cyan (68%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2370, 0.3762, -27.3948 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 112.2370, 0.3762, -27.3948 by changing the saturation by 10% instead.

■ 112.2370, 0.3762,
-27.3948

■ 112.2370, 0.3762,
-27.3948

■ 255.0000, 0.0000,
0.0000

■ 87.3510, 0.8130,
-27.4948

■ 164.5250, 0.2342,
-28.5244

■ 63.3510, 0.8130,
-27.4948

■ 192.1120, -0.0552,
-29.0392

■ 38.6820, 2.1288,
-29.5391

■ 219.8130, 0.0922,
-29.6540

■ 22.5800, 0.2071,
-19.8027

■ 241.9430, 2.9861,
-24.5060

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,
-7.3773

■ 112.2370, 0.3762,
-27.3948

■ 112.2370, 0.3762,
-27.3948

■ 107.8940, 0.5453,
-34.9870

■ 116.5800, 0.2071,
-19.8027

■ 103.5510, 0.7144,
-42.5792

■ 120.9230, 0.0380,
-12.2105

■ 99.5070, 0.7360,
-49.5566

■ 124.9670, 0.0163,
-5.2331

■ 95.1640, 0.9051,
-57.1488

■ 129.3100, -0.1528,
2.3591

■ 90.8210, 1.0742,
-64.7410

■ 133.6530, -0.3219,
9.9513

■ 86.3640, 0.8065,
-72.2332

■ 138.1100, -0.0542,
17.4435

■ 85.0540, 0.9594,
-74.5924

■ 142.4530, -0.2233,
25.0357

■ 146.4970, -0.2450,

32.0131

■ 150.8400, -0.4141,
39.6053

Harmonies

Analogous

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



114.6210, -8.6872, -13.6996



112.2370, 0.3762, -27.3948



110.5870, 9.5706, -36.4718

Triad

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



112.2370, 0.3762, -27.3948



119.5770, 14.9985, -4.0140



120.0110, -13.3164, 24.5464

Complementary

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



112.2370, 0.3762, -27.3948



96.7630, -0.3762, 27.3948

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.



120.7540, -6.7807, 28.2797



112.2370, 0.3762, -27.3948



121.7810, 8.9820, 12.4701

Square

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



112.2370, 0.3762, -27.3948



116.1510, 17.6736, -22.0574



121.6100, 1.6713, 24.0210



118.5600, -16.0521, 15.2949

Rectangle

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



112.2370, 0.3762, -27.3948



111.4390, 14.0806, -36.3420



121.6100, 1.6713, 24.0210



120.1900, -11.4327, 27.0204

Sweetspot

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



112.2370, 0.3762, -27.3948



159.9340, 0.0325, -10.4661



113.3730, -15.9599, -14.3591



80.3690, 0.3111, -6.4626



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



112.2370, 0.3762, -27.3948



141.4370, 0.2776, -42.4792



109.2510, 9.2433, -24.7761



61.6790, 0.1583, -4.1035



85.0540, 0.9594, -74.5924



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.7630, -0.3762, 27.3948



117.4490, -0.7144, 42.5792



99.7490, -9.2433, 24.7761



59.3210, -0.1583, 4.1035



42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.2370, 0.3762, -27.3948 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 112.2370, 0.3762, -27.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

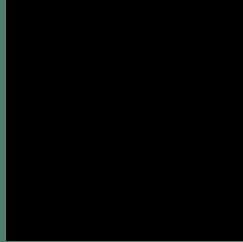
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.2370, 0.3762, -27.3948

Background



This preview shows how black text looks on a background with the YUV color 112.2370, 0.3762, -27.3948.



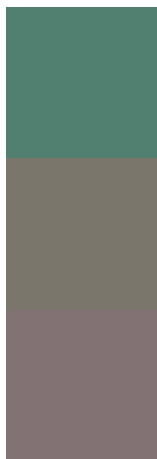
This preview shows how white text looks on a background with the YUV color 112.2370, 0.3762,

-27.3948.

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

112.2370, 0.3762, -27.3948

Protanopia

118.3550, -5.1050, 4.0737

Deuteranopia

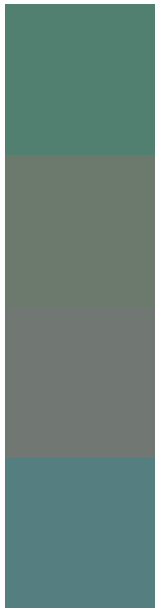
119.3110, -1.6323, 10.2513



Tritanopia

114.4790, 10.1169, -24.9761

Trichromacy



Original Color

112.2370, 0.3762, -27.3948

Protanomaly

116.4460, -3.1779, -7.4071

Deuteranomaly

116.7500, -0.8627, -3.2887

Tritanomaly

113.5560, 6.6279, -25.9206

Monochromacy



Original Color

112.2370, 0.3762, -27.3948

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2330, -0.1149, -9.8513

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2370, 0.3762, -27.3948 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(81, 128, 113)` looks like.

```
.text, #text, p{  
    color:rgb(81, 128, 113)  
}
```

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(81, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 128, 113) }
```

Border

The CSS property to change the border of an element to YUV 112.2370, 0.3762, -27.3948 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(81, 128, 113) }
```


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

```
.border{ border-color:rgb(81, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(81, 128,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 112.2370, 0.3762, -27.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 128, 113) }
```

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

```
.background{ background-color: rgb(81, 128,  
113) }
```

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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