

Converting Colors

YUV(112.6410, 1.1630, 0.3148)

Have a look what the booklet for
YUV(112.6410, 1.1630, 0.3148)
contains.

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Color

**YUV(112.6410, 1.1630,
0.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	717073
RGB	113, 112, 115
RGB Percent	44%, 44%, 45%
CMY	0.5569, 0.5608, 0.5490
CMYK	0.02, 0.03, 0.00, 0.55
HSL	260°, 1%, 45%
HSV	260°, 3%, 45%
XYZ	15.6987, 16.3369, 18.5456
YIQ	112.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

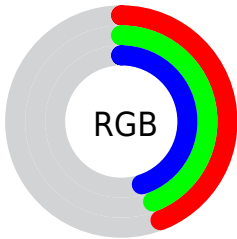
Format	Color
R_{YB}	113, 112, 115
Decimal	7434355
CIE _{Lab}	47.41, 1.00, -1.53
CIE _{LCh}	47, 1.828, 303.159
Yxy	16.3369, 0.3104, 0.3230
Android (android.graphics.Color)	4285624435 (0xFF717073)
YUV	112.6410, 1.1630, 0.3148
Hunter-Lab	40.4189, -1.4034, 1.0889

Details

The YUV color **112.6410, 1.1630, 0.3148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.3590, -1.1630, -0.3148**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6410, 1.1630, 0.3148**, and **64.6410, 1.1630, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **103.7920, 5.5255, 1.0594**, and if you desaturate by 10%, it is **122.0770, -3.4890, -0.9445**.

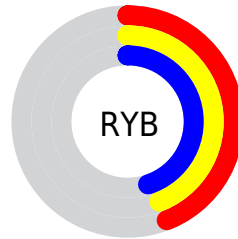
Distribution



Red (44%)

Green (44%)

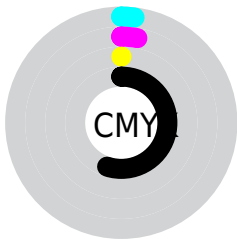
Blue (45%)



Red (44%)

Yellow (44%)

Blue (45%)

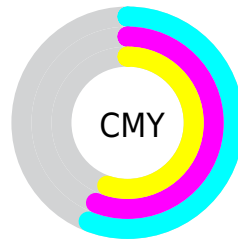


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (56%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6410, 1.1630, 0.3148 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 112.6410, 1.1630, 0.3148 by changing the saturation by 10% instead.

■ 112.6410, 1.1630,
0.3148

■ 112.6410, 1.1630,
0.3148

■ 255.0000, 0.0000,
0.0000

■ 88.5270, 0.7262,
0.4148

■ 164.6410, 1.1630,
0.3148

■ 64.6410, 1.1630,
0.3148

■ 191.6410, 1.1630,
0.3148

■ 42.6410, 1.1630,
0.3148

■ 219.6410, 1.1630,
0.3148

■ 22.5270, 0.7262,
0.4148

■ 247.6410, 1.1630,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 112.6410, 1.1630,

■ 112.6410, 1.1630,

0.3148

■ 103.7920, 5.5255,
1.0594

■ 94.6550, 10.0301,
2.9336

■ 85.8060, 14.3926,
3.6781

■ 76.3700, 19.0446,
4.9375

■ 67.8200, 23.2597,
6.2969

■ 58.3840, 27.9117,
7.5562

■ 48.9480, 32.5636,
8.8156

■ 40.3980, 36.7788,
10.1750

0.3148

■ 122.0770, -3.4890,
-0.9445

■ 130.6270, -7.7041,
-2.3039

■ 140.0630,
-12.3561, -3.5633

■ 148.9120,
-16.7186, -4.3078

■ 158.0490,
-21.2232, -6.1820

■ 166.8980,
-25.5857, -6.9265

■ 176.3340,
-30.2377, -8.1859

■ 184.8840,
-34.4528, -9.5453

■ 30.9620, 41.4307,
11.4343

■ 194.3200,
-39.1048, -10.8046

Harmonies

Analogous

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



112.6300, 1.1684, -1.4295



112.6410, 1.1630, 0.3148



113.1250, 0.4314, 1.6444

Triad

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



112.6410, 1.1630, 0.3148



112.6690, -1.3158, 2.0443



111.8040, 0.5896, -2.4591

Complementary

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



112.6410, 1.1630, 0.3148



114.3590, -1.1630, -0.3148

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.



111.8750, -0.4314, -1.6444



112.6410, 1.1630, 0.3148



112.2560, -1.6052, 1.5295

Square

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



112.6410, 1.1630, 0.3148



113.0820, -1.0264, 2.5591



112.3590, -1.1630, -0.3148



111.9180, 1.0264, -2.5591

Rectangle

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



112.6410, 1.1630, 0.3148



112.4240, 0.2840, 2.2592



112.3590, -1.1630, -0.3148



111.6900, 0.1528, -2.3591

Sweetspot

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



112.6410, 1.1630, 0.3148



149.1140, 0.4368, -0.1000



113.5160, 0.7316, -1.3295



76.1140, 0.4368, -0.1000



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



112.6410, 1.1630, 0.3148



146.7550, 1.5998, 0.2149



112.9400, 1.0156, 0.9296



56.6410, 1.1630, 0.3148



26.1670, 47.2457, 13.0085



53.3170, 96.9647, 26.0320

Inverse Universe

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



113.1250, 0.4314, 1.6444



147.5380, 0.7208, 2.1592



114.0600, -1.0156, -0.9296



57.1250, 0.4314, 1.6444



45.8260, 17.8338, 66.8046



93.7880, 36.0935, 136.9979

Previews

White Background



This preview shows how the YUV color 112.6410, 1.1630, 0.3148 looks on a white background.

Color Contrast Check

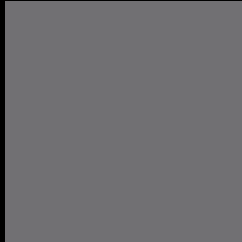
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.6410, 1.1630, 0.3148 looks on a black 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

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

YUV 112.6410, 1.1630, 0.3148

Background



This preview shows how black text looks on a background with the YUV color 112.6410, 1.1630, 0.3148.



This preview shows how white text looks on a background with the YUV color 112.6410, 1.1630,

0.3148.

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

112.6410, 1.1630, 0.3148

Protanopia

112.9400, 1.0156, 0.9296

Deuteranopia

113.6850, 1.1413, 7.2923



Tritanopia

112.9230, 3.4890, 0.9445

Trichromacy



Original Color

112.6410, 1.1630, 0.3148

Protanomaly

112.9400, 1.0156, 0.9296

Deuteranomaly

113.3750, 1.2941, 4.9331

Tritanomaly

112.6950, 2.6154, 1.1445

Monochromacy



Original Color

112.6410, 1.1630, 0.3148

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6410, 1.1630, 0.3148 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(113, 112, 115)` looks like.

```
.text, #text, p{  
    color:rgb(113, 112, 115)  
}
```

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(113, 112, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 112, 115) }
```

Border

The CSS property to change the border of an element to YUV 112.6410, 1.1630, 0.3148 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(113, 112, 115) }
```


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

```
.border{ border-color:rgb(113, 112, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 112, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 112, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 112, 115);  
box-shadow:4px 4px 4px 4px rgb(113, 112,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 112.6410, 1.1630, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 112, 115) }
```

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

```
.background{ background-color: rgb(113,  
112, 115) }
```

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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