

Converting Colors

YUV(116.6410, -2.2880,
-12.8402)

Have a look what the booklet for
YUV(116.6410, -2.2880, -12.8402)
contains.

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Color

**YUV(116.6410, -2.2880,
-12.8402)**

Conversions

Conversions Part 1

Format	Color
Hex	667D70
RGB	102, 125, 112
RGB Percent	40%, 49%, 44%
CMY	0.6000, 0.5098, 0.5608
CMYK	0.18, 0.00, 0.10, 0.51
HSL	146°, 10%, 45%
HSV	146°, 18%, 49%
XYZ	15.7377, 18.6619, 18.1019
YIQ	116.6410, -9.5350, -8.9190

Conversions

Conversions Part 2

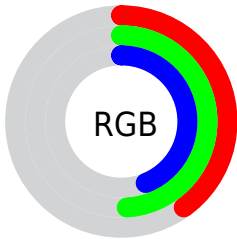
Format	Color
R_{YB}	102, 118, 125
Decimal	6716784
CIE _{Lab}	50.29, -11.17, 4.32
CIE _{LCh}	50, 11.975, 158.858
Yxy	18.6619, 0.2998, 0.3555
Android (android.graphics.Color)	4284906864 (0xFF667D70)
YUV	116.6410, -2.2880, -12.8402
Hunter-Lab	43.1994, -10.5705, 5.3952

Details

The YUV color **116.6410, -2.2880, -12.8402** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.3590, 2.2880, 12.8402**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9290, -2.4300, -13.9697**, and **68.3530, -2.1460, -11.7106** is the 20% darker color. If you saturate the color by 10%, you get **112.2550, -3.5767, -19.5176**, and if you desaturate by 10%, it is **121.3260, -1.1467, -5.5479**.

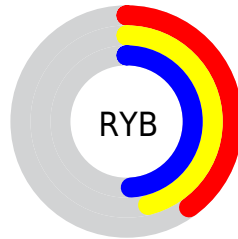
Distribution



Red (40%)

Green (49%)

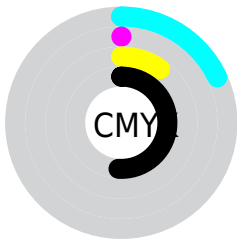
Blue (44%)



Red (40%)

Yellow (46%)

Blue (49%)

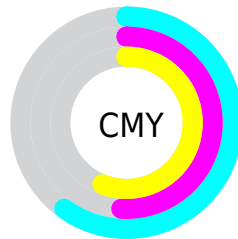


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (51%)



Cyan (60%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6410, -2.2880, -12.8402 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 116.6410, -2.2880, -12.8402 by changing the saturation by 10% instead.

■ 116.6410, -2.2880,
-12.8402

■ 116.6410, -2.2880,
-12.8402

■ 255.0000, 0.0000,
0.0000

■ 92.0540, -1.9986,
-12.3254

■ 168.9290, -2.4300,
-13.9697

■ 68.3530, -2.1460,
-11.7106

■ 195.9290, -2.4300,
-13.9697

■ 45.7660, -1.8566,
-11.1958

■ 223.9290, -2.4300,
-13.9697

■ 24.8800, -1.4198,
-11.2958

■ 248.4070, -0.6937,
-10.8809

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 116.6410, -2.2880,
-12.8402

■ 116.6410, -2.2880,
-12.8402

■ 112.2550, -3.5767,
-19.5176

■ 121.3260, -1.1467,
-5.5479

■ 107.5700, -4.7180,
-26.8099

■ 125.7120, 0.1420,
1.1296

■ 103.1840, -6.0067,
-33.4874

■ 130.3970, 1.2833,
8.4218

■ 98.4990, -7.1480,
-40.7796

■ 134.7830, 2.5720,
15.0993

■ 94.1130, -8.4367,
-47.4571

■ 139.4680, 3.7133,
22.3916

■ 89.4280, -9.5780,
-54.7494

■ 143.8540, 5.0020,
29.0690

■ 85.0420, -10.8667,
-61.4268

■ 148.5390, 6.1433,
36.3613

■ 80.2430, -12.4448,

■ 153.0390, 7.8688,

-68.6191

42.9388

■ 79.5310, -12.5868,
-69.7487

■ 157.7240, 9.0101,
50.2311

Harmonies

Analogous

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



117.8440, -6.8251, -4.2482



116.6410, -2.2880, -12.8402



115.9760, 2.9698, -19.2730

Triad

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



116.6410, -2.2880, -12.8402



119.8880, 9.9152, -6.9178



120.9760, -6.8902, 16.6840

Complementary

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



116.6410, -2.2880, -12.8402



110.3590, 2.2880, 12.8402

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.



121.8280, -2.3802, 16.8138



116.6410, -2.2880, -12.8402



120.9710, 7.4093, 3.5334

Square

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



116.6410, -2.2880, -12.8402



117.8330, 9.9423, -15.6395



121.4730, 2.7248, 12.7402



120.2590, -9.4947, 12.0509

Rectangle

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



116.6410, -2.2880, -12.8402



115.8880, 6.4642, -20.0728



121.4730, 2.7248, 12.7402



121.0300, -5.4378, 17.5137

Sweetspot

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



116.6410, -2.2880, -12.8402



159.4400, -0.7099, -5.6479



119.3880, -8.5723, -3.8483



79.7500, -0.8628, -3.2887



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



116.6410, -2.2880, -12.8402



149.9560, -3.4293, -20.1324



117.8950, 2.5168, -13.9399



61.4510, -0.7153, -3.9035



81.4060, -13.0182, -71.3931



0.0000, 0.0000, 0.0000

Inverse Universe

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



110.3590, 2.2880, 12.8402



140.1580, 3.8661, 20.0324



109.1050, -2.5168, 13.9399



59.5490, 0.7153, 3.9035



46.4800, 12.5814, 71.4930



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.6410, -2.2880, -12.8402 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 116.6410, -2.2880, -12.8402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

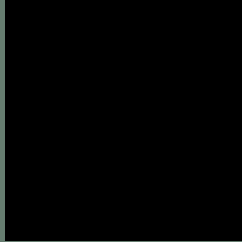
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6410, -2.2880, -12.8402

Background



This preview shows how black text looks on a background with the YUV color 116.6410, -2.2880, -12.8402.



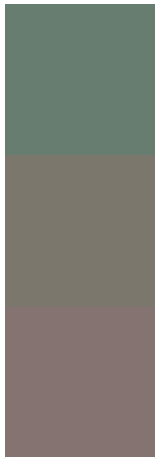
This preview shows how white text looks on a background with the YUV color 116.6410, -2.2880,

-12.8402.

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

116.6410, -2.2880, -12.8402

Protanopia

119.3550, -5.1050, 4.0737

Deuteranopia

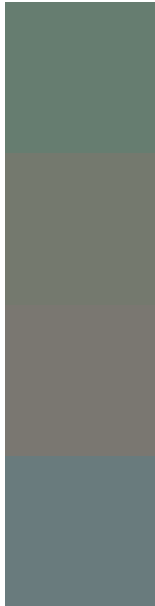
120.2680, -3.0901, 11.1660



Tritanopia

118.3560, 6.7265, -10.8362

Trichromacy



Original Color

116.6410, -2.2880, -12.8402

Protanomaly

118.2510, -4.0677, -1.9741

Deuteranomaly

119.2130, -3.0630, 2.4442

Tritanomaly

117.8460, 3.5269, -11.2659

Monochromacy



Original Color

116.6410, -2.2880, -12.8402

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0380, -1.0047, -4.4183

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6410, -2.2880, -12.8402 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(102, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 112)  
}
```

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(102, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 112) }
```

Border

The CSS property to change the border of an element to YUV 116.6410, -2.2880, -12.8402 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(102, 125, 112) }
```


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

```
.border{ border-color:rgb(102, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 116.6410, -2.2880, -12.8402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 112) }
```

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

```
.background{ background-color: rgb(102,  
125, 112) }
```

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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