

Converting Colors

YUV(110.4870, -12.0721,
-1.3041)

Have a look what the booklet for
YUV(110.4870, -12.0721, -1.3041)
contains.

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Color

**YUV(110.4870, -12.0721,
-1.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7456
RGB	109, 116, 86
RGB Percent	43%, 45%, 34%
CMY	0.5725, 0.5451, 0.6627
CMYK	0.06, 0.00, 0.26, 0.55
HSL	74°, 15%, 40%
HSV	74°, 26%, 45%
XYZ	14.2318, 16.4139, 11.2222
YIQ	110.4870, 5.4580, -10.8140

Conversions

Conversions Part 2

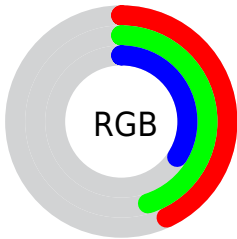
Format	Color
R _Y B	86, 116, 93
Decimal	7173206
CIE Lab	47.51, -8.25, 15.73
CIE LCh	48, 17.768, 117.684
Yxy	16.4139, 0.3399, 0.3920
Android (android.graphics.Color)	4285363286 (0xFF6D7456)
YUV	110.4870, -12.0721, -1.3041
Hunter-Lab	40.5140, -8.1961, 11.9368

Details

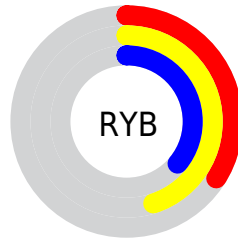
The YUV color **110.4870, -12.0721, -1.3041** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **91.5130, 12.0721, 1.3041**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2590, -12.9457, -1.1041**, and **62.7150, -11.1985, -1.5041** is the 20% darker color. If you saturate the color by 10%, you get **108.2220, -16.8714, -1.9487**, and if you desaturate by 10%, it is **112.7520, -7.2727, -0.6595**.

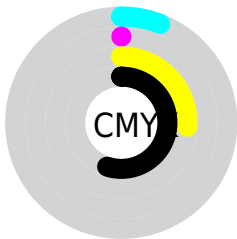
Distribution



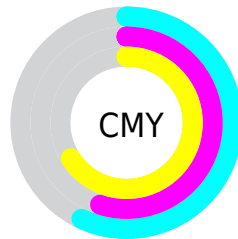
- Red (43%)
- Green (45%)
- Blue (34%)



- Red (34%)
- Yellow (45%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (55%)



- Cyan (57%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4870, -12.0721, -1.3041 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 110.4870, -12.0721, -1.3041 by changing the saturation by 10% instead.

■ 110.4870,
-12.0721, -1.3041

■ 110.4870,
-12.0721, -1.3041

■ 255.0000, 0.0000,
0.0000

■ 85.7150, -11.1985,
-1.5041

■ 162.2590,
-12.9457, -1.1041

■ 62.7150, -11.1985,
-1.5041

■ 189.1450,
-13.3825, -1.0042

■ 40.9430, -10.3249,
-1.7040

■ 217.0310,
-13.8193, -0.9042

■ 20.3560, -10.0355,
-1.1892

■ 245.6180,
-14.1087, -1.4190

■ 0.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,
0.8998

■ 110.4870,
-12.0721, -1.3041

■ 110.4870,
-12.0721, -1.3041

■ 108.2220,
-16.8714, -1.9487

■ 112.7520, -7.2727,
-0.6595

■ 106.3700,
-21.3814, -2.0785

■ 114.6040, -2.7628,
-0.5297

■ 104.1050,
-26.1808, -2.7231

■ 116.8690, 2.0366,
0.1149

■ 101.9540,
-30.5433, -3.4677

■ 119.0200, 6.3991,
0.8595

■ 99.6890, -35.3427,
-4.1123

■ 121.2850, 11.1985,
1.5041

■ 97.7230, -40.2894,
-4.1421

■ 123.2510, 16.1453,
1.5339

■ 95.5720, -44.6520,
-4.8866

■ 125.4020, 20.5078,
2.2784

■ 94.7030, -46.6886,

■ 127.6670, 25.3072,

-5.0015

2.9230

■ 129.5190, 29.8171,
3.0528

Harmonies

Analogous

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



111.9940, -14.2940, 11.4063



110.4870, -12.0721, -1.3041



108.3050, -6.0664, -14.2995

Triad

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



110.4870, -12.0721, -1.3041



108.1950, 14.2009, -28.2350



115.0290, -0.5073, 22.7766

Complementary

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



110.4870, -12.0721, -1.3041



91.5130, 12.0721, 1.3041

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.



115.5100, 6.6506, 13.5847



110.4870, -12.0721, -1.3041



110.9130, 15.3259, -15.7097

Square

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



110.4870, -12.0721, -1.3041



106.0220, 9.8492, -32.4683



113.9150, 12.3669, 0.0745



114.6180, -7.2067, 24.8910

Rectangle

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



110.4870, -12.0721, -1.3041



107.3300, -0.6557, -23.0914



113.9150, 12.3669, 0.0745



115.7020, 2.1189, 20.4323

Sweetspot

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



110.4870, -12.0721, -1.3041



148.0340, -4.9468, -0.0298



99.0790, -6.4479, 14.8397



75.4900, -3.1996, -0.4297



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.



110.4870, -12.0721, -1.3041



141.7660, -18.6186, -1.5488



106.0020, -9.8610, -10.5258



57.7180, -2.3260, -0.6297



99.7200, -49.1620, -5.0164



204.1580, -100.6499, -10.6626

Inverse Universe

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



91.5130, 12.0721, 1.3041



112.5330, 18.4712, 2.1636



95.9980, 9.8610, 10.5258



53.9830, 2.4734, 0.0149



22.5790, 49.0146, 5.6312



45.8420, 100.6499, 10.6626

Previews

White Background



This preview shows how the YUV color 110.4870, -12.0721, -1.3041 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 110.4870, -12.0721, -1.3041 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 110.4870, -12.0721, -1.3041 Background



This preview shows how black text looks on a background with the YUV color 110.4870, -12.0721, -1.3041.



This preview shows how white text looks on a background with the YUV color 110.4870, -12.0721, -1.3041.

-1.3041.

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

110.4870, -12.0721, -1.3041

Protanopia

111.4990, -13.5570, 8.3324

Deuteranopia

112.8960, -12.2737, 16.7542



Tritanopia

112.9230, 3.4890, 0.9445

Trichromacy



Original Color

110.4870, -12.0721, -1.3041

Protanomaly

111.0040, -12.8200, 5.2585

Deuteranomaly

112.1510, -12.3994, 10.3916

Tritanomaly

112.1310, -2.0366, -0.1149

Monochromacy



Original Color

110.4870, -12.0721, -1.3041

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4870, -12.0721, -1.3041 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(109, 116, 86)` looks like.

```
.text, #text, p{  
    color:rgb(109, 116, 86)  
}
```

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(109, 116, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 116, 86) }
```

Border

The CSS property to change the border of an element to YUV 110.4870, -12.0721, -1.3041 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(109, 116, 86) }
```


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

```
.border{ border-color:rgb(109, 116, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 116, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 116, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 116, 86);  
box-shadow:4px 4px 4px 4px rgb(109, 116,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 110.4870, -12.0721, -1.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 116, 86) }
```

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

```
.background{ background-color: rgb(109,  
116, 86) }
```

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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