

Converting Colors

YUV(103.8290, -10.7617,
-1.6040)

Have a look what the booklet for
YUV(103.8290, -10.7617, -1.6040)
contains.

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Color

**YUV(103.8290, -10.7617,
-1.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	666D52
RGB	102, 109, 82
RGB Percent	40%, 43%, 32%
CMY	0.6000, 0.5725, 0.6784
CMYK	0.06, 0.00, 0.25, 0.57
HSL	76°, 14%, 37%
HSV	76°, 25%, 43%
XYZ	12.4711, 14.3713, 10.0993
YIQ	103.8290, 4.4950, -9.8810

Conversions

Conversions Part 2

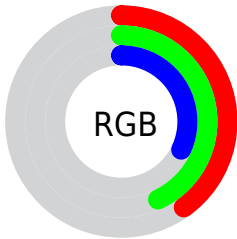
Format	Color
R _{YB}	82, 109, 89
Decimal	6712658
CIE Lab	44.76, -7.83, 14.23
CIE LCh	45, 16.238, 118.816
Yxy	14.3713, 0.3376, 0.3890
Android (android.graphics.Color)	4284902738 (0xFF666D52)
YUV	103.8290, -10.7617, -1.6040
Hunter-Lab	37.9094, -7.6201, 10.7414

Details

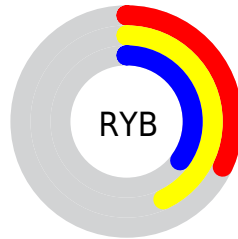
The YUV color $[103.8290, -10.7617, -1.6040]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[87.1710, 10.7617, 1.6040]$, and the grayscale version is $[104.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[154.7150, -11.1985, -1.5041]$, and $[57.0570, -9.8881, -1.8040]$ is the 20% darker color. If you saturate the color by 10%, you get $[101.6780, -15.1243, -2.3486]$, and if you desaturate by 10%, it is $[105.9800, -6.3991, -0.8595]$.

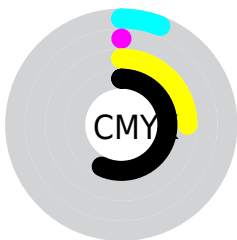
Distribution



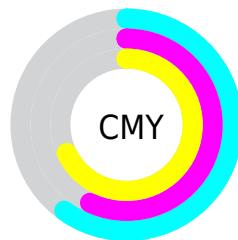
- Red (40%)
- Green (43%)
- Blue (32%)



- Red (32%)
- Yellow (43%)
- Blue (35%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8290, -10.7617, -1.6040 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 103.8290, -10.7617, -1.6040 by changing the saturation by 10% instead.

■ 103.8290,
-10.7617, -1.6040

■ 103.8290,
-10.7617, -1.6040

■ 255.0000, 0.0000,
0.0000

■ 79.9430, -10.3249,
-1.7040

■ 154.7150,
-11.1985, -1.5041

■ 57.0570, -9.8881,
-1.8040

■ 181.6010,
-11.6353, -1.4041

■ 35.1710, -9.4513,
-1.9040

■ 209.4870,
-12.0721, -1.3041

■ 13.5340, -6.6723,
-6.6073

■ 237.9600,
-12.7983, -1.7189

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,
1.3997

■ 103.8290,
-10.7617, -1.6040

■ 103.8290,
-10.7617, -1.6040

■ 101.6780,
-15.1243, -2.3486

■ 105.9800, -6.3991,
-0.8595

■ 99.5270, -19.4868,
-3.0932

■ 108.1310, -2.0366,
-0.1149

■ 97.6750, -23.9968,
-3.2230

■ 109.9830, 2.4734,
0.0149

■ 95.5240, -28.3593,
-3.9675

■ 112.1340, 6.8359,
0.7595

■ 93.4870, -32.2851,
-4.8121

■ 114.2850, 11.1985,
1.5041

■ 91.3360, -36.6476,
-5.5567

■ 116.3220, 15.1243,
2.3486

■ 89.1850, -41.0102,
-6.3012

■ 118.4730, 19.4868,
3.0932

■ 88.2020, -43.4836,

■ 120.6240, 23.8494,

-6.3162

3.8378

■ 122.4760, 28.3593,
3.9675

Harmonies

Analogous

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



105.6240, -13.1256, 9.9768



103.8290, -10.7617, -1.6040



102.2450, -5.0508, -13.3699

Triad

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



103.8290, -10.7617, -1.6040



101.6900, 13.4638, -25.1611



108.0180, -0.5019, 21.0322

Complementary

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



103.8290, -10.7617, -1.6040



87.1710, 10.7617, 1.6040

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.



107.9830, 5.9244, 13.1699



103.8290, -10.7617, -1.6040



104.5820, 14.0101, -13.6654

Square

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



103.8290, -10.7617, -1.6040



99.8160, 8.9647, -28.7796



107.1600, 10.7671, -0.1403



107.3080, -7.0538, 22.5319

Rectangle

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



103.8290, -10.7617, -1.6040



100.7540, -0.3717, -20.8323



107.1600, 10.7671, -0.1403



108.5770, 1.6875, 18.7880

Sweetspot

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



103.8290, -10.7617, -1.6040



140.9630, -3.9258, -0.8446



94.1820, -6.0057, 12.9954



70.1310, -2.0366, -0.1149



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



103.8290, -10.7617, -1.6040



134.8090, -17.1608, -2.4635



99.9420, -8.8454, -9.5961



52.7180, -2.3260, -0.6297



94.6920, -46.6832, -6.7459



197.9340, -97.5815, -14.8511

Inverse Universe

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



87.1710, 10.7617, 1.6040



108.1910, 17.1608, 2.4635



91.0580, 8.8454, 9.5961



49.2820, 2.3260, 0.6297



22.3080, 46.6832, 6.7459



46.7670, 97.7289, 14.2363

Previews

White Background



This preview shows how the YUV color 103.8290, -10.7617, -1.6040 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 103.8290, -10.7617, -1.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

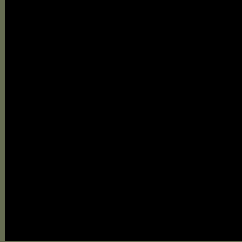
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.8290, -10.7617, -1.6040

Background



This preview shows how black text looks on a background with the YUV color 103.8290, -10.7617, -1.6040.



This preview shows how white text looks on a background with the YUV color 103.8290, -10.7617, -1.6040.

-1.6040.

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

103.8290, -10.7617, -1.6040

Protanopia

105.1290, -12.3886, 6.9029

Deuteranopia

106.5260, -11.1053, 15.3247



Tritanopia

106.2110, 3.3470, -0.1850

Trichromacy



Original Color

103.8290, -10.7617, -1.6040

Protanomaly

104.6340, -11.6516, 3.8290

Deuteranomaly

105.7810, -11.2310, 8.9621

Tritanomaly

105.2450, -1.5998, -0.2149

Monochromacy



Original Color

103.8290, -10.7617, -1.6040

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9630, -3.9258, -0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8290, -10.7617, -1.6040 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, 109, 82)` looks like.

```
.text, #text, p{  
    color:rgb(102, 109, 82)  
}
```

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, 109, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 109, 82) }
```

Border

The CSS property to change the border of an element to YUV 103.8290, -10.7617, -1.6040 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, 109, 82) }
```


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

```
.border{ border-color:rgb(102, 109, 82) }
```

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

Here you see how a box with a 4 pixel rgb(102, 109, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 109, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 109, 82);  
box-shadow:4px 4px 4px 4px rgb(102, 109,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 103.8290, -10.7617, -1.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 109, 82) }
```

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

```
.background{ background-color: rgb(102,  
109, 82) }
```

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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