

Converting Colors

YUV(113.7600, -36.3637,
-3.2975)

Have a look what the booklet for
YUV(113.7600, -36.3637, -3.2975)
contains.

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Color

**YUV(113.7600, -36.3637,
-3.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8228
RGB	110, 130, 40
RGB Percent	43%, 51%, 16%
CMY	0.5686, 0.4902, 0.8431
CMYK	0.15, 0.00, 0.69, 0.49
HSL	73°, 53%, 33%
HSV	73°, 69%, 51%
XYZ	14.7960, 19.4335, 4.9787
YIQ	113.7600, 16.9700, -32.2300

Conversions

Conversions Part 2

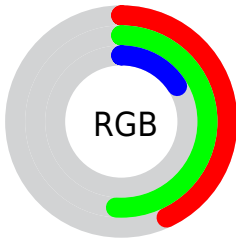
Format	Color
R_{YB}	40, 130, 60
Decimal	7242280
CIE _{Lab}	51.19, -20.64, 44.33
CIE _{LCh}	51, 48.899, 114.971
Yxy	19.4335, 0.3774, 0.4956
Android (android.graphics.Color)	4285432360 (0xFF6E8228)
YUV	113.7600, -36.3637, -3.2975
Hunter-Lab	44.0834, -17.2347, 24.1623

Details

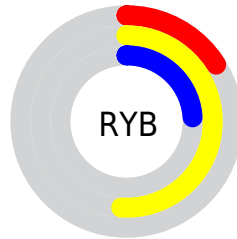
The YUV color **113.7600, -36.3637, -3.2975** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **56.2400, 36.3637, 3.2975**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8310, -37.3847, -2.4828**, and **65.1880, -32.1377, -5.4269** is the 20% darker color. If you saturate the color by 10%, you get **111.3810, -41.5998, -3.8421**, and if you desaturate by 10%, it is **116.1390, -31.1275, -2.7529**.

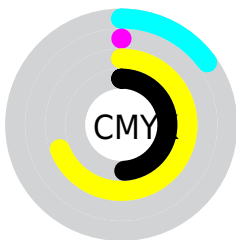
Distribution



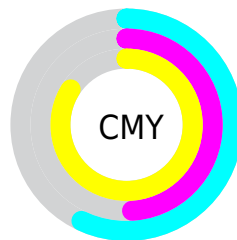
- Red (43%)
- Green (51%)
- Blue (16%)



- Red (16%)
- Yellow (51%)
- Blue (24%)



- Cyan (15%)
- Magenta (0%)
- Yellow (69%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7600, -36.3637, -3.2975 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 113.7600, -36.3637, -3.2975 by changing the saturation by 10% instead.

■ 113.7600,
-36.3637, -3.2975

■ 113.7600,
-36.3637, -3.2975

■ 255.0000, 0.0000,
0.0000

■ 88.0050, -37.9635,
-3.5124

■ 166.8310,
-37.3847, -2.4828

■ 65.1880, -32.1377,
-5.4269

■ 194.4890,
-38.6951, -2.1829

■ 44.5110, -21.9439,
-8.3411

■ 222.3750,
-39.1319, -2.0829

■ 23.2250, -11.4499,
-14.2293

■ 243.5160,
-36.2434, 4.8095

■ 4.6960, -2.3151,
-4.1184

■ 248.5020,
-24.8975, 5.6987

■ 0.0000, 0.0000,
0.0000

■ 251.6940,

-12.6671, 2.8994

■ 113.7600,
-36.3637, -3.2975

■ 113.7600,
-36.3637, -3.2975

■ 111.3810,
-41.5998, -3.8421

■ 116.1390,
-31.1275, -2.7529

■ 109.0020,
-46.8360, -4.3868

■ 118.5180,
-25.8914, -2.2083

■ 106.6230,
-52.0721, -4.9314

■ 120.8970,
-20.6552, -1.6637

■ 106.5090,
-52.5089, -4.8314

■ 123.2760,
-15.4191, -1.1191

■ 125.3560,
-10.0355, -1.1892

■ 127.7350, -4.7994,
-0.6446

■ 130.1140, 0.4368,
-0.1000

■ 132.4930, 5.6730,
0.4446

■ 134.8720, 10.9091,
0.9893

Harmonies

Analogous

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



117.1770, -41.9923, 28.7858



113.7600, -36.3637, -3.2975



105.6590, -16.5939, -44.4279

Triad

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



113.7600, -36.3637, -3.2975



102.6660, 43.0557, -90.0381



122.2480, 4.3147, 62.9265

Complementary

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



113.7600, -36.3637, -3.2975



56.2400, 36.3637, 3.2975

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.



125.3660, 22.0046, 35.6360



113.7600, -36.3637, -3.2975



99.0930, 52.2122, -86.9046

Square

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



113.7600, -36.3637, -3.2975



101.1380, 27.0470, -88.6980



122.6790, 37.1333, -10.2425



120.1180, -15.3412, 67.4255

Rectangle

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



113.7600, -36.3637, -3.2975



94.0530, 2.4389, -82.4845



122.6790, 37.1333, -10.2425



123.5120, 10.5936, 55.6790

Sweetspot

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



113.7600, -36.3637, -3.2975



161.6180, -14.1087, -1.4190



78.6500, -19.0545, 45.0339



80.1110, -8.4357, -0.9743



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.



113.7600, -36.3637, -3.2975



142.8850, -56.1453, -5.1611



100.6040, -29.8778, -30.3477



62.6040, -2.7628, -0.5297



104.7370, -51.6353, -5.0313



0.0000, 0.0000, 0.0000

Inverse Universe

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



56.2400, 36.3637, 3.2975



54.1150, 56.1453, 5.1611



69.6950, 29.7304, 30.9625



58.3960, 2.7628, 0.5297



22.9640, 51.7827, 4.4166



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.7600, -36.3637, -3.2975 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 113.7600, -36.3637, -3.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

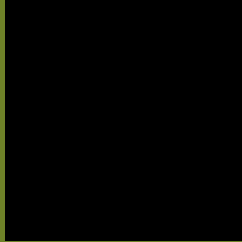
Any Text WCAG AA ✓ Pass

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 113.7600, -36.3637, -3.2975 Background



This preview shows how black text looks on a background with the YUV color 113.7600, -36.3637, -3.2975.



This preview shows how white text looks on a background with the YUV color 113.7600, -36.3637, -3.2975.

-3.2975.

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

113.7600, -36.3637, -3.2975

Protanopia

116.6100, -38.7547, 17.0050

Deuteranopia

118.6700, -36.3193, 29.2304



Tritanopia

121.8410, 4.5154, -1.6146

Trichromacy



Original Color

113.7600, -36.3637, -3.2975

Protanomaly

115.7940, -37.8594, 9.8277

Deuteranomaly

116.8920, -36.4288, 17.6347

Tritanomaly

118.6440, -10.1775, -2.3188

Monochromacy



Original Color

113.7600, -36.3637, -3.2975

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1450, -13.3825, -1.0042

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7600, -36.3637, -3.2975 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(110, 130, 40)` looks like.

```
.text, #text, p{  
    color:rgb(110, 130, 40)  
}
```

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(110, 130, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 130, 40) }
```

Border

The CSS property to change the border of an element to YUV 113.7600, -36.3637, -3.2975 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(110, 130, 40) }
```


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

```
.border{ border-color:rgb(110, 130, 40) }
```

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

Here you see how a box with a 4 pixel rgb(110, 130, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 130, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 130, 40);  
box-shadow:4px 4px 4px 4px rgb(110, 130,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 113.7600, -36.3637, -3.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 130, 40) }
```

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

```
.background{ background-color: rgb(110,  
130, 40) }
```

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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