

Converting Colors

YUV(137.5810, 12.5316,
40.7095)

Have a look what the booklet for
YUV(137.5810, 12.5316, 40.7095)
contains.

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Color

**YUV(137.5810, 12.5316,
40.7095)**

Conversions

Conversions Part 1

Format	Color
Hex	B86DA3
RGB	184, 109, 163
RGB Percent	72%, 43%, 64%
CMY	0.2784, 0.5725, 0.3608
CMYK	0.00, 0.41, 0.11, 0.28
HSL	317°, 35%, 57%
HSV	317°, 41%, 72%
XYZ	31.8467, 23.7720, 37.5603
YIQ	137.5810, 27.3660, 32.6940

Conversions

Conversions Part 2

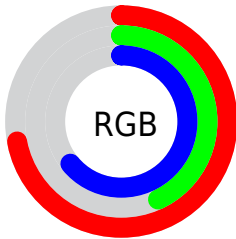
Format	Color
RYB	184, 109, 163
Decimal	12086691
CIELab	55.86, 37.54, -16.37
CIELCh	56, 40.957, 336.439
Yxy	23.7720, 0.3418, 0.2551
Android (android.graphics.Color)	4290276771 (0xFFB86DA3)
YUV	137.5810, 12.5316, 40.7095
Hunter-Lab	48.7565, 31.2683, -11.5454

Details

The YUV color **137.5810, 12.5316, 40.7095** is a light color, and the websafe version is hex **996699**. A complement of this color would be **155.4190, -12.5316, -40.7095**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0050, 12.8155, 42.9686**, and **85.8580, 12.3950, 37.8355** is the 20% darker color. If you saturate the color by 10%, you get **126.4450, 15.5566, 50.4757**, and if you desaturate by 10%, it is **148.7170, 9.5065, 30.9432**.

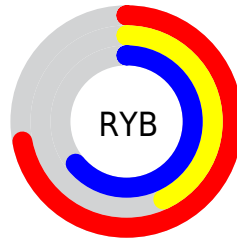
Distribution



Red (72%)

Green (43%)

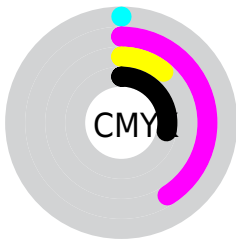
Blue (64%)



Red (72%)

Yellow (43%)

Blue (64%)

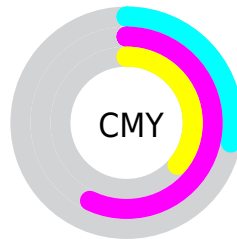


Cyan (0%)

Magenta (41%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (57%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.5810, 12.5316, 40.7095 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 137.5810, 12.5316, 40.7095 by changing the saturation by 10% instead.


 137.5810, 12.5316,
40.7095


 137.5810, 12.5316,
40.7095


255.0000, 0.0000,
0.0000


 111.5700, 12.5370,
38.9651


 192.0050, 12.8155,
42.9686

 85.8580, 12.3950,
37.8355


 215.8190, 14.8792,
34.3617


 60.6730, 12.9792,
37.1208

 233.2810, 10.7075,
19.0476

 33.4390, 14.5736,
39.0800

 250.3040, 2.3151,
4.1184

 20.5210, 10.0961,
28.4841

 10.9510, 4.4612,
15.8290

 0.0000, 0.0000,

0.0000

■ 137.5810, 12.5316,
40.7095

■ 137.5810, 12.5316,
40.7095

■ 126.4450, 15.5566,
50.4757

■ 148.7170, 9.5065,
30.9432

■ 114.7220, 18.8711,
60.7568

■ 160.4400, 6.1921,
20.6621

■ 103.5860, 21.8961,
70.5231

■ 171.5760, 3.1670,
10.8958

■ 91.7490, 24.7737,
80.9041

■ 183.4130, 0.2894,
0.5148

■ 80.6130, 27.7988,
90.6704

■ 194.5490, -2.7357,
-9.2515

■ 70.0640, 30.5344,
99.9219

■ 205.6850, -5.7607,
-19.0177

■ 217.4080, -9.0751,
-29.2988

■ 227.9570,
-11.8108, -38.5503

■ 228.5270, -9.6268,
-39.0502

Harmonies

Analogous

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



137.3410, 26.4539, 8.4709



137.5810, 12.5316, 40.7095



135.3260, -4.1047, 56.7191

Triad

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



137.5810, 12.5316, 40.7095



129.8640, -33.9500, 15.9053



108.5870, 32.7416, -95.2308

Complementary

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



137.5810, 12.5316, 40.7095



155.4190, -12.5316, -40.7095

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.



105.2980, 17.6011, -92.3463



137.5810, 12.5316, 40.7095



125.9680, -25.1272, -14.0039

Square

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



137.5810, 12.5316, 40.7095



132.7020, -31.4051, 39.7263



118.1450, -6.9735, -50.1162



107.6870, 44.5243, -94.4415

Rectangle

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



137.5810, 12.5316, 40.7095



134.4650, -15.0192, 57.4742



118.1450, -6.9735, -50.1162



107.9200, 27.6474, -94.6458

Sweetspot

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



137.5810, 12.5316, 40.7095



222.0650, 4.8980, 15.7290



123.5300, 29.8117, 4.7972



109.4510, 2.7357, 9.2515



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



137.5810, 12.5316, 40.7095



166.9720, 19.7338, 64.0456



133.4770, -3.1932, 44.3087



86.3750, 1.2941, 4.9331



59.4120, 25.9259, 84.7077



10.6520, 4.6086, 15.2142

Inverse Universe

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



137.5810, 12.5316, 40.7095



166.9720, 19.7338, 64.0456



159.6370, 3.6300, -44.4086



86.3750, 1.2941, 4.9331



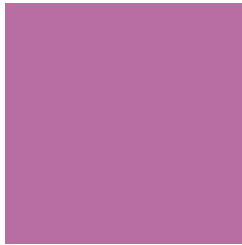
59.4120, 25.9259, 84.7077



10.6520, 4.6086, 15.2142

Previews

White Background



This preview shows how the YUV color 137.5810, 12.5316, 40.7095 looks on a white background.

Color Contrast Check

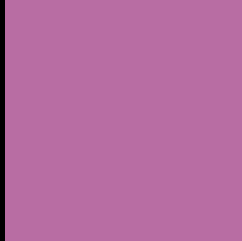
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.5810, 12.5316, 40.7095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

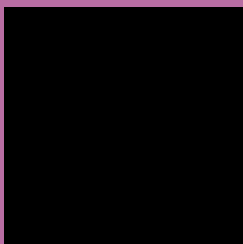
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.5810, 12.5316, 40.7095

Background



This preview shows how black text looks on a background with the YUV color 137.5810, 12.5316, 40.7095.



This preview shows how white text looks on a background with the YUV color 137.5810, 12.5316,

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

137.5810, 12.5316, 40.7095

Protanopia

134.7700, 22.2984, -12.0763

Deuteranopia

135.3880, 11.6407, -0.3403



Tritanopia

136.7490, -5.7923, 37.9311

Trichromacy



Original Color

137.5810, 12.5316, 40.7095

Protanomaly

135.6800, 18.8918, 7.2966

Deuteranomaly

136.1880, 11.7393, 14.7441

Tritanomaly

136.8830, 1.0437, 38.6906

Monochromacy



Original Color

137.5810, 12.5316, 40.7095

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.6520, 4.6086, 15.2142

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.5810, 12.5316, 40.7095 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(184, 109, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 109, 163)  
}
```

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(184, 109, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 109, 163) }
```

Border

The CSS property to change the border of an element to YUV 137.5810, 12.5316, 40.7095 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(184, 109, 163) }
```


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

```
.border{ border-color:rgb(184, 109, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 109, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 109, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 109, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 109,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 137.5810, 12.5316, 40.7095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 109, 163) }
```

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

```
.background{ background-color: rgb(184,  
109, 163) }
```

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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