

Converting Colors

YUV(137.7640, 18.3573,
38.7950)

Have a look what the booklet for
YUV(137.7640, 18.3573, 38.7950)
contains.

YUV(137.7640, 18.3573, 38.7950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.7640, 18.3573,
38.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	B66CAF
RGB	182, 108, 175
RGB Percent	71%, 42%, 69%
CMY	0.2863, 0.5765, 0.3137
CMYK	0.00, 0.41, 0.04, 0.29
HSL	306°, 34%, 57%
HSV	306°, 41%, 71%
XYZ	32.3918, 23.7654, 43.4374
YIQ	137.7640, 22.5970, 36.5250

Conversions

Conversions Part 2

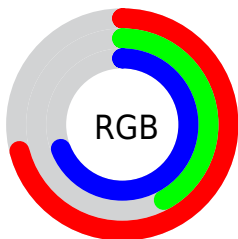
Format	Color
R_{YB}	182, 108, 175
Decimal	11955375
CIE _{Lab}	55.85, 39.54, -23.35
CIE _{LCh}	56, 45.920, 329.440
Yxy	23.7654, 0.3252, 0.2386
Android (android.graphics.Color)	4290145455 (0xFFB66CAF)
YUV	137.7640, 18.3573, 38.7950
Hunter-Lab	48.7497, 33.2926, -18.7043

Details

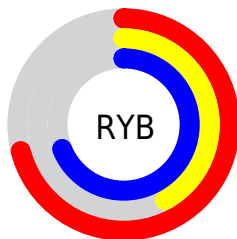
The YUV color **137.7640, 18.3573, 38.7950** is a light color, and the websafe version is hex **996699**. A complement of this color would be **152.2360, -18.3573, -38.7950**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3020, 19.0781, 40.9541**, and **85.3400, 18.0734, 36.5358** is the 20% darker color. If you saturate the color by 10%, you get **126.9700, 22.6928, 48.2613**, and if you desaturate by 10%, it is **148.5580, 14.0219, 29.3286**.

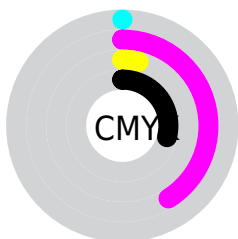
Distribution



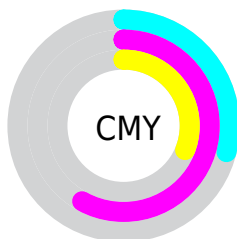
- Red (71%)
- Green (42%)
- Blue (69%)



- Red (71%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (29%)




- Cyan (29%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.7640, 18.3573, 38.7950 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 137.7640, 18.3573, 38.7950 by changing the saturation by 10% instead.


 137.7640, 18.3573,
38.7950


 137.7640, 18.3573,
38.7950


255.0000, 0.0000,
0.0000


 111.0520, 18.2154,
37.6654


 192.3020, 19.0781,
40.9541


 85.3400, 18.0734,
36.5358


 216.2580, 19.0998,
33.9767

 60.0410, 18.2208,
35.9210

 232.6940, 10.9969,
19.5624

 32.8070, 19.8151,
37.8803

 249.7170, 2.6045,
4.6332

 20.9490, 14.3221,
26.3547

 11.6780, 8.5397,
14.3144

 0.0000, 0.0000,

0.0000

■ 137.7640, 18.3573,
38.7950

■ 137.7640, 18.3573,
38.7950

■ 126.9700, 22.6928,
48.2613

■ 148.5580, 14.0219,
29.3286

■ 116.2900, 27.4650,
57.6277

■ 159.2380, 9.2497,
19.9623

■ 104.9090, 32.0899,
67.6088

■ 170.6190, 4.6248,
9.9811

■ 94.1150, 36.4253,
77.0751

■ 181.4130, 0.2894,
0.5148

■ 83.3210, 40.7607,
86.5415

■ 192.2070, -4.0461,
-8.9515

■ 73.2280, 45.2436,
95.3930

■ 202.8870, -8.8183,
-18.3179

■ 213.6810,
-13.1537, -27.7842

■ 225.0620,
-17.7786, -37.7654

■ 225.7630,
-17.6312, -38.3802

Harmonies

Analogous

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



135.9960, 33.0330, -1.7505



137.7640, 18.3573, 38.7950



134.9120, 0.5364, 61.4672

Triad

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



137.7640, 18.3573, 38.7950



129.5400, -39.2132, 24.0824



109.4190, 30.8524, -95.9605

Complementary

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



137.7640, 18.3573, 38.7950



152.2360, -18.3573, -38.7950

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.



105.4460, 13.0911, -92.4761



137.7640, 18.3573, 38.7950



125.8780, -31.9849, -7.7860

Square

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



137.7640, 18.3573, 38.7950



132.3010, -33.1794, 48.8480



117.6740, -12.6573, -47.0721



109.9040, 45.4033, -96.3858

Rectangle

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



137.7640, 18.3573, 38.7950



133.9050, -12.2782, 64.9813



117.6740, -12.6573, -47.0721



108.5240, 24.8847, -95.1755

Sweetspot

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



137.7640, 18.3573, 38.7950



220.2220, 6.7926, 14.7143



118.2300, 31.4386, -3.7097



109.7930, 4.0461, 8.9515



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.



137.7640, 18.3573, 38.7950



167.6540, 28.7646, 60.8164



133.6600, 2.6326, 42.3942



86.6030, 2.1677, 4.7332



62.7180, 38.5930, 81.8083



11.2220, 6.7926, 14.7143

Inverse Universe

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



137.7640, 18.3573, 38.7950



167.6540, 28.7646, 60.8164



156.3400, -2.6326, -42.3942



86.6030, 2.1677, 4.7332



62.7180, 38.5930, 81.8083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 137.7640, 18.3573, 38.7950 looks on a white background.

Color Contrast Check

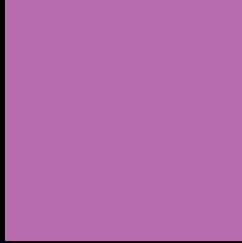
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7640, 18.3573, 38.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

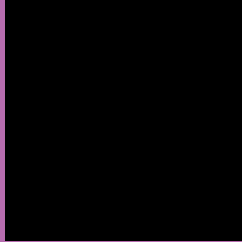
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7640, 18.3573, 38.7950

Background



This preview shows how black text looks on a background with the YUV color 137.7640, 18.3573, 38.7950.



This preview shows how white text looks on a background with the YUV color 137.7640, 18.3573,

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

137.7640, 18.3573, 38.7950

Protanopia

133.9850, 29.5874, -16.6498

Deuteranopia

135.2500, 17.6247, -6.3582



Tritanopia

136.3680, -4.6184, 34.7573

Trichromacy



Original Color

137.7640, 18.3573, 38.7950

Protanomaly

135.0800, 25.5966, 3.4378

Deuteranomaly

136.0610, 17.7179, 10.4705

Tritanomaly

136.5560, 3.6699, 36.3464

Monochromacy



Original Color

137.7640, 18.3573, 38.7950

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.8090, 6.5032, 14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7640, 18.3573, 38.7950 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(182, 108, 175)` looks like.

```
.text, #text, p{  
    color:rgb(182, 108, 175)  
}
```

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(182, 108, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 108, 175) }
```

Border

The CSS property to change the border of an element to YUV 137.7640, 18.3573, 38.7950 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(182, 108, 175) }
```


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

```
.border{ border-color:rgb(182, 108, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 108, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 108, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 108, 175);  
box-shadow:4px 4px 4px 4px rgb(182, 108,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 137.7640, 18.3573, 38.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 108, 175) }
```

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

```
.background{ background-color: rgb(182,  
108, 175) }
```

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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