

Converting Colors

YUV(107.7620, -2.3477, 6.3477)

Have a look what the booklet for
YUV(107.7620, -2.3477, 6.3477)
contains.

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Color

**YUV(107.7620, -2.3477,
6.3477)**

Conversions

Conversions Part 1

Format	Color
Hex	736967
RGB	115, 105, 103
RGB Percent	45%, 41%, 40%
CMY	0.5490, 0.5882, 0.5961
CMYK	0.00, 0.09, 0.10, 0.55
HSL	10°, 6%, 43%
HSV	10°, 10%, 45%
XYZ	14.5700, 14.7273, 14.9067
YIQ	107.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

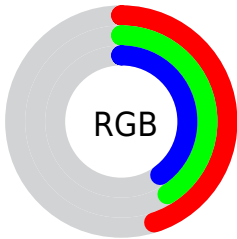
Format	Color
R _Y B	115, 105, 103
Decimal	7563623
CIE Lab	45.26, 3.55, 2.54
CIE LCh	45, 4.364, 35.573
Yxy	14.7273, 0.3296, 0.3332
Android (android.graphics.Color)	4285753703 (0xFF736967)
YUV	107.7620, -2.3477, 6.3477
Hunter-Lab	38.3761, 0.6116, 3.8329

Details

The YUV color **107.7620, -2.3477, 6.3477** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.2380, 2.3477, -6.3477**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0610, -2.4951, 6.9625**, and **60.4630, -2.2003, 5.7329** is the 20% darker color. If you saturate the color by 10%, you get **100.6380, -4.2585, 12.5955**, and if you desaturate by 10%, it is **115.0000, 0.0000, 0.0000**.

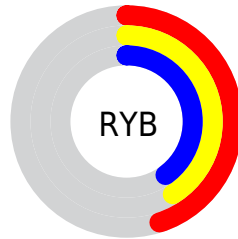
Distribution



Red (45%)

Green (41%)

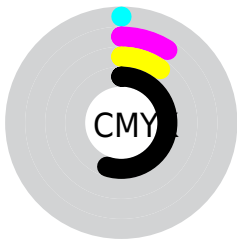
Blue (40%)



Red (45%)

Yellow (41%)

Blue (40%)

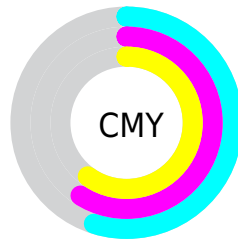


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (55%)



Cyan (55%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.7620, -2.3477, 6.3477 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 107.7620, -2.3477, 6.3477 by changing the saturation by 10% instead.

■ 107.7620, -2.3477,
6.3477

■ 107.7620, -2.3477,
6.3477

255.0000, 0.0000,
0.0000

■ 83.4630, -2.2003,
5.7329

■ 159.0610, -2.4951,
6.9625

■ 60.4630, -2.2003,
5.7329

■ 186.0610, -2.4951,
6.9625

■ 38.5770, -1.7635,
5.6330

■ 213.9470, -2.9319,
7.0625

■ 17.7620, -2.3477,
6.3477

■ 242.3600, -2.6425,
7.5773

■ 0.0000, 0.0000,
0.0000

■ 107.7620, -2.3477,

■ 107.7620, -2.3477,

6.3477

■ 100.6380, -4.2585,
12.5955

■ 93.9870, -6.8956,
18.4284

■ 86.7490, -9.2433,
24.7761

■ 80.2120, -11.4435,
30.5091

■ 72.9740, -13.7912,
36.8568

■ 65.8500, -15.7020,
43.1046

■ 59.1990, -18.3391,
48.9375

■ 52.0750, -20.2500,
55.1852

6.3477

■ 115.0000, 0.0000,
0.0000

■ 121.5370, 2.2003,
-5.7329

■ 128.7750, 4.5479,
-12.0807

■ 135.3120, 6.7482,
-17.8136

■ 142.5500, 9.0958,
-24.1614

■ 149.6740, 11.0067,
-30.4091

■ 156.3250, 13.6438,
-36.2420

■ 163.4490, 15.5546,
-42.4898

■ 45.5380, -22.4502,
60.9182

■ 170.1000, 18.1917,
-48.3227

Harmonies

Analogous

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



108.2180, -0.6005, 5.9478



107.7620, -2.3477, 6.3477



107.5230, -3.2158, 4.8033

Triad

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



107.7620, -2.3477, 6.3477



106.0380, -1.0047, -4.4183



106.9010, 3.4998, -2.5442

Complementary

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



107.7620, -2.3477, 6.3477



110.2380, 2.3477, -6.3477

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.



106.2920, 3.8000, -5.5181



107.7620, -2.3477, 6.3477



105.8960, 1.0373, -6.0478

Square

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



107.7620, -2.3477, 6.3477



106.3050, -2.6154, -1.1445



105.9390, 2.4951, -6.9625



107.6950, 2.6154, 1.1445

Rectangle

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



107.7620, -2.3477, 6.3477



107.3980, -3.6472, 3.1590



105.9390, 2.4951, -6.9625



107.1890, 3.3578, -3.6738

Sweetspot

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



107.7620, -2.3477, 6.3477



147.7830, -0.8790, 1.9443



107.7280, 2.5991, 6.3775



74.7830, -0.8790, 1.9443



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.



107.7620, -2.3477, 6.3477



138.4420, -3.6689, 10.1364



111.2840, -4.0840, 3.2589



55.3810, -1.1738, 3.1739



48.2180, -23.7715, 64.7068



99.4040, -49.0062, 132.0727

Inverse Universe

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



110.2380, 2.3477, -6.3477



142.5580, 3.6689, -10.1364



106.7160, 4.0840, -3.2589



56.6190, 1.1738, -3.1739



73.7820, 23.7715, -64.7068



150.5960, 49.0062, -132.0727

Previews

White Background



This preview shows how the YUV color 107.7620, -2.3477, 6.3477 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 107.7620, -2.3477, 6.3477 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 107.7620, -2.3477, 6.3477

Background



This preview shows how black text looks on a background with the YUV color 107.7620, -2.3477, 6.3477.



This preview shows how white text looks on a background with the YUV color 107.7620, -2.3477, 6.3477.

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

107.7620, -2.3477, 6.3477

Protanopia

107.5550, -1.7526, 2.1443

Deuteranopia

108.3710, -2.6479, 9.3216



Tritanopia

108.5000, 1.7255, 6.5775

Trichromacy



Original Color

107.7620, -2.3477, 6.3477

Protanomaly

107.5660, -1.7580, 3.8886

Deuteranomaly

108.0720, -2.5005, 8.7069

Tritanomaly

108.1580, 0.4151, 6.8774

Monochromacy



Original Color

107.7620, -2.3477, 6.3477

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.7620, -2.3477, 6.3477 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(115, 105, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 105, 103)  
}
```

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(115, 105, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 105, 103) }
```

Border

The CSS property to change the border of an element to YUV 107.7620, -2.3477, 6.3477 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(115, 105, 103) }
```


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

```
.border{ border-color:rgb(115, 105, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 105, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 105, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 105, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 105,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 107.7620, -2.3477, 6.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 105, 103) }
```

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

```
.background{ background-color: rgb(115,  
105, 103) }
```

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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