

Converting Colors

YUV(107.9780, -50.2752,
25.4523)

Have a look what the booklet for
YUV(107.9780, -50.2752, 25.4523)
contains.

YUV(107.9780, -50.2752, 25.4523)	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(107.9780, -50.2752,
25.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	897106
RGB	137, 113, 6
RGB Percent	54%, 44%, 2%
CMY	0.4627, 0.5569, 0.9765
CMYK	0.00, 0.18, 0.96, 0.46
HSL	49°, 92%, 28%
HSV	49°, 96%, 54%
XYZ	16.2545, 17.1418, 2.6243
YIQ	107.9780, 48.6510, -28.1890

Conversions

Conversions Part 2

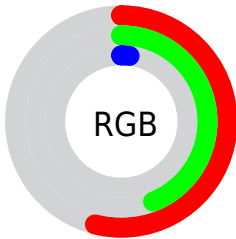
Format	Color
RYB	35, 137, 6
Decimal	9007366
CIELab	48.44, -0.22, 53.33
CIELCh	48, 53.329, 90.233
Yxy	17.1418, 0.4513, 0.4759
Android (android.graphics.Color)	4287197446 (0xFF897106)
YUV	107.9780, -50.2752, 25.4523
Hunter-Lab	41.4026, -2.3761, 25.2238

Details

The YUV color **107.9780, -50.2752, 25.4523** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **35.0220, 50.2752, -25.4523**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7980, -47.2284, 28.2412**, and **63.5590, -31.3346, 17.0498** is the 20% darker color. If you saturate the color by 10%, you get **106.7070, -52.6066, 26.5670**, and if you desaturate by 10%, it is **111.3350, -45.0282, 22.5082**.

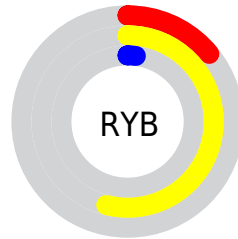
Distribution



Red (54%)

Green (44%)

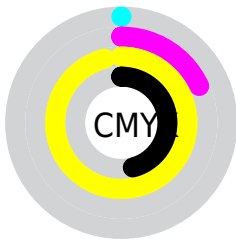
Blue (2%)



Red (14%)

Yellow (54%)

Blue (2%)

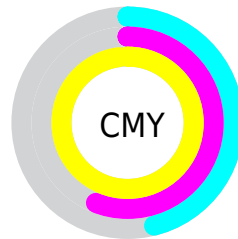


Cyan (0%)

Magenta (18%)

Yellow (96%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.9780, -50.2752, 25.4523 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 107.9780, -50.2752, 25.4523 by changing the saturation by 10% instead.

■ 107.9780,
-50.2752, 25.4523

■ 107.9780,
-50.2752, 25.4523

■ 255.0000, 0.0000,
0.0000

■ 84.8340, -41.8232,
21.1936

■ 161.7980,
-47.2284, 28.2412

■ 63.5590, -31.3346,
17.0498

■ 189.2820,
-47.9600, 29.5707

■ 42.5720, -20.9880,
11.7764

■ 217.6520,
-49.1284, 31.0002

■ 23.6560, -11.6624,
7.3177

■ 238.3510,
-46.0220, 14.6012

■ 0.0000, 0.0000,
0.0000

■ 245.6520,
-35.8174, 8.1982

■ 248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 107.9780,
-50.2752, 25.4523

■ 107.9780,
-50.2752, 25.4523

■ 106.7070,
-52.6066, 26.5670

■ 111.3350,
-45.0282, 22.5082

■ 113.9910,
-39.9286, 20.1789

■ 117.3480,
-34.6816, 17.2348

■ 120.1180,
-29.1452, 14.8055

■ 123.4750,
-23.8982, 11.8614

■ 126.1310,
-18.7986, 9.5321

■ 129.4880,
-13.5516, 6.5880

■ 132.2580, -8.0152,
4.1587

■ 135.5010, -3.2050,
1.3146

Harmonies

Analogous

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



111.0690, -37.9950, 53.4365



107.9780, -50.2752, 25.4523



103.9610, -37.9418, -10.4898

Triad

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



107.9780, -50.2752, 25.4523



97.9580, 30.0937, -85.9092



117.6060, 21.3932, 45.0725

Complementary

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



107.9780, -50.2752, 25.4523



35.0220, 50.2752, -25.4523

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.



116.5490, 37.6903, -2.2355



107.9780, -50.2752, 25.4523



98.8990, 46.3918, -86.7344

Square

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



107.9780, -50.2752, 25.4523



92.8280, 10.4378, -81.4102



93.8100, 54.8167, -82.2714



112.4340, 2.2510, 71.5334

Rectangle

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



107.9780, -50.2752, 25.4523



98.3020, -21.8409, -41.4839



93.8100, 54.8167, -82.2714



118.3100, 26.9622, 32.1771

Sweetspot

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



107.9780, -50.2752, 25.4523



167.2020, -19.8196, 10.3468



47.9050, -8.8272, 78.1363



82.5310, -12.0938, 5.6733



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



107.9780, -50.2752, 25.4523



139.2230, -68.6369, 34.8844



109.8070, -51.1769, -12.1087



67.6150, -2.7682, 1.2146



103.1630, -50.8594, 26.1670



3.8430, -1.8946, 1.0147

Inverse Universe

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



35.0220, 50.2752, -25.4523



39.7770, 68.6369, -34.8844



33.1930, 51.1769, 12.1087



63.3850, 2.7682, -1.2146



29.2500, 51.1487, -25.6522



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 107.9780, -50.2752, 25.4523 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 107.9780, -50.2752, 25.4523 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 107.9780, -50.2752, 25.4523

Background



This preview shows how black text looks on a background with the YUV color 107.9780, -50.2752, 25.4523.



This preview shows how white text looks on a background with the YUV color 107.9780, -50.2752, 25.4523.

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

107.9780, -50.2752, 25.4523

Protanopia

107.8740, -49.2379, 19.4045

Deuteranopia

109.0050, -47.8235, 32.4446



Tritanopia

117.2740, -2.1071, 22.5617

Trichromacy



Original Color

107.9780, -50.2752, 25.4523

Protanomaly

108.0700, -49.8275, 21.8636

Deuteranomaly

108.4670, -48.5442, 30.2854

Tritanomaly

113.9910, -19.7156, 23.6869

Monochromacy



Original Color

107.9780, -50.2752, 25.4523

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.2450, -18.3618, 9.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.9780, -50.2752, 25.4523 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(137, 113, 6)` looks like.

```
.text, #text, p{  
    color:rgb(137, 113, 6)  
}
```

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(137, 113, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 6) }
```

Border

The CSS property to change the border of an element to YUV 107.9780, -50.2752, 25.4523 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(137, 113, 6) }
```


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

```
.border{ border-color:rgb(137, 113, 6) }
```

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

Here you see how a box with a 4 pixel rgb(137, 113, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 113, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 113, 6);  
box-shadow:4px 4px 4px 4px rgb(137, 113,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 107.9780, -50.2752, 25.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 113, 6) }
```

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

```
.background{ background-color: rgb(137,  
113, 6) }
```

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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