

Converting Colors

YUV(107.4510, 26.3997,
25.9145)

Have a look what the booklet for
YUV(107.4510, 26.3997, 25.9145)
contains.

YUV(107.4510, 26.3997, 25.9145)	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(107.4510, 26.3997,
25.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	8952A1
RGB	137, 82, 161
RGB Percent	54%, 32%, 63%
CMY	0.4627, 0.6784, 0.3686
CMYK	0.15, 0.49, 0.00, 0.37
HSL	282°, 33%, 48%
HSV	282°, 49%, 63%
XYZ	19.7668, 13.9262, 35.3644
YIQ	107.4510, 7.4210, 36.2290

Conversions

Conversions Part 2

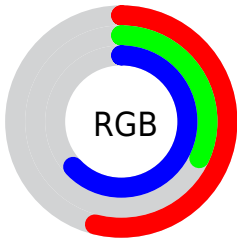
Format	Color
R_{YB}	137, 82, 161
Decimal	8999585
CIE _{Lab}	44.13, 37.07, -33.81
CIE _{LCh}	44, 50.171, 317.631
Yxy	13.9262, 0.2862, 0.2017
Android (android.graphics.Color)	4287189665 (0xFF8952A1)
YUV	107.4510, 26.3997, 25.9145
Hunter-Lab	37.3178, 29.2435, -30.0641

Details

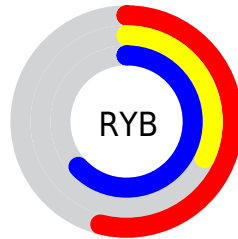
The YUV color $[107.4510, 26.3997, 25.9145]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[135.5490, -26.3997, -25.9145]$, and the grayscale version is $[107.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[160.1030, 27.5572, 27.9737]$, and $[57.2120, 25.5315, 24.3701]$ is the 20% darker color. If you saturate the color by 10%, you get $[96.5640, 31.7669, 31.0774]$, and if you desaturate by 10%, it is $[118.3380, 21.0324, 20.7516]$.

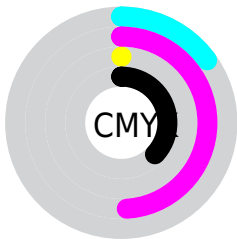
Distribution



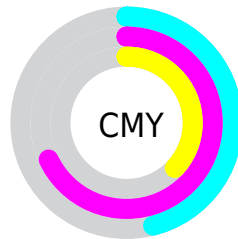
- Red (54%)
- Green (32%)
- Blue (63%)



- Red (54%)
- Yellow (32%)
- Blue (63%)



- Cyan (15%)
- Magenta (49%)
- Yellow (0%)
- Black (37%)



- Cyan (46%)
- Magenta (68%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4510, 26.3997, 25.9145 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 107.4510, 26.3997, 25.9145 by changing the saturation by 10% instead.

■ 107.4510, 26.3997,
25.9145

■ 107.4510, 26.3997,
25.9145

■ 255.0000, 0.0000,
0.0000

■ 82.6250, 25.8209,
24.8849

■ 160.1030, 27.5572,
27.9737

■ 57.2120, 25.5315,
24.3701

■ 187.6300, 28.2834,
28.3885

■ 31.6250, 25.8209,
24.8849

■ 213.2900, 20.5630,
31.3177

■ 17.7180, 21.3380,
16.0333

■ 231.5200, 11.5756,
20.5920

■ 4.3320, 16.5983,
-3.7992

■ 248.5430, 3.1833,
5.6628

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 107.4510, 26.3997,
25.9145

■ 107.4510, 26.3997,
25.9145

■ 96.5640, 31.7669,
31.0774

■ 118.3380, 21.0324,
20.7516

■ 85.6770, 37.1342,
36.2403

■ 129.2250, 15.6651,
15.5887

■ 74.7900, 42.5015,
41.4032

■ 140.1120, 10.2978,
10.4258

■ 63.9030, 47.8688,
46.5661

■ 150.9990, 4.9305,
5.2629

■ 53.3150, 53.0887,
52.3437

■ 162.1740, -0.5788,
-1.0296

■ 51.8420, 53.8149,
52.7586

■ 173.0610, -5.9461,
-6.1925

■ 183.9480,
-11.3134, -11.3554

■ 194.8350,
-16.6807, -16.5183

■ 205.7220,
-22.0479, -21.6812

Harmonies

Analogous

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



100.3070, 41.2606, -27.4562



107.4510, 26.3997, 25.9145



103.8930, 9.4198, 58.8528

Triad

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



107.4510, 26.3997, 25.9145



99.1670, -43.4663, 34.9335



87.3800, 20.0257, -76.6323

Complementary

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



107.4510, 26.3997, 25.9145



135.5490, -26.3997, -25.9145

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.



81.8910, 1.5327, -71.8184



107.4510, 26.3997, 25.9145



96.0940, -42.9373, 5.1796

Square

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



107.4510, 26.3997, 25.9145



101.3220, -28.2597, 57.5996



89.5310, -22.4468, -33.7917



89.8370, 37.0554, -78.7870

Rectangle

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



107.4510, 26.3997, 25.9145



101.3320, -3.1217, 68.1148



89.5310, -22.4468, -33.7917



85.7840, 13.9105, -75.2326

Sweetspot

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



107.4510, 26.3997, 25.9145



188.1120, 10.2978, 10.4258



105.6810, 27.2723, -20.7682



92.0530, 6.3829, 6.0925



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



107.4510, 26.3997, 25.9145



125.7360, 41.0492, 40.5735



113.0310, 16.7467, 42.0688



75.8200, 3.0467, 2.7889



46.7290, 48.4476, 47.5957



5.6400, 6.0935, 5.5777

Inverse Universe

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



108.3570, -1.1620, 46.1679



126.9950, -1.9695, 71.9184



129.9690, -16.7467, -42.0688



76.0330, -0.0163, 5.2331



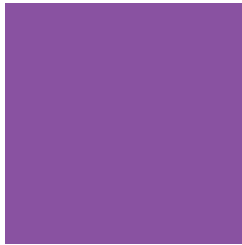
48.3710, -2.1549, 84.7436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 107.4510, 26.3997, 25.9145 looks on a white background.

Color Contrast Check

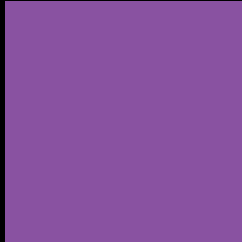
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4510, 26.3997, 25.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

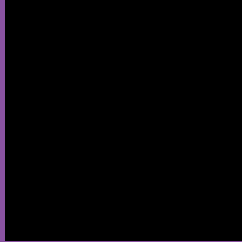
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.4510, 26.3997, 25.9145

Background



This preview shows how black text looks on a background with the YUV color 107.4510, 26.3997, 25.9145.



This preview shows how white text looks on a background with the YUV color 107.4510, 26.3997,

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

107.4510, 26.3997, 25.9145

Protanopia

101.5090, 38.2031, -26.7564

Deuteranopia

103.1650, 26.5407, -19.4387



Tritanopia

106.3660, -1.6594, 18.9730

Trichromacy



Original Color

107.4510, 26.3997, 25.9145

Protanomaly

103.7780, 33.6334, -7.6983

Deuteranomaly

104.5630, 26.3444, -3.1248

Tritanomaly

106.7220, 8.5181, 21.2918

Monochromacy



Original Color

107.4510, 26.3997, 25.9145

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2860, 9.7190, 9.3962

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4510, 26.3997, 25.9145 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, 82, 161)` looks like.

```
.text, #text, p{  
    color:rgb(137, 82, 161)  
}
```

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, 82, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 82, 161) }
```

Border

The CSS property to change the border of an element to YUV 107.4510, 26.3997, 25.9145 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, 82, 161) }
```


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

```
.border{ border-color:rgb(137, 82, 161) }
```

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

Here you see how a box with a 4 pixel rgb(137, 82, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 82, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 82, 161);  
box-shadow:4px 4px 4px 4px rgb(137, 82,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 107.4510, 26.3997, 25.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 82, 161) }
```

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

```
.background{ background-color: rgb(137, 82,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor