

Converting Colors

YUV(66.4510, 12.5957,
-26.7055)

Have a look what the booklet for
YUV(66.4510, 12.5957, -26.7055)
contains.

YUV(66.4510, 12.5957, -26.7055)	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(66.4510, 12.5957,
-26.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	244D5C
RGB	36, 77, 92
RGB Percent	14%, 30%, 36%
CMY	0.8588, 0.6980, 0.6392
CMYK	0.61, 0.16, 0.00, 0.64
HSL	196°, 44%, 25%
HSV	196°, 61%, 36%
XYZ	5.3132, 6.4555, 11.0912
YIQ	66.4510, -29.2510, -4.0270

Conversions

Conversions Part 2

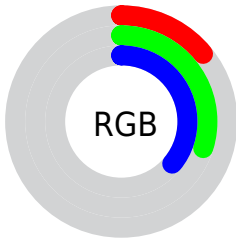
Format	Color
RYB	36, 60, 92
Decimal	2379100
CIELab	30.53, -9.40, -13.17
CIElCh	31, 16.182, 234.501
Yxy	6.4555, 0.2324, 0.2824
Android (android.graphics.Color)	4280569180 (0xFF244D5C)
YUV	66.4510, 12.5957, -26.7055
Hunter-Lab	25.4077, -7.1361, -8.0964

Details

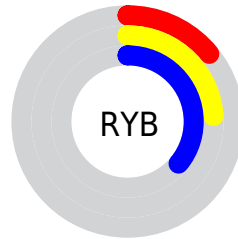
The YUV color **66.4510, 12.5957, -26.7055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **61.5490, -12.5957, 26.7055**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8640, 12.8850, -26.1907**, and **24.6150, 10.5428, -21.5874** is the 20% darker color. If you saturate the color by 10%, you get **62.5860, 14.5011, -31.2089**, and if you desaturate by 10%, it is **70.3160, 10.6902, -22.2021**.

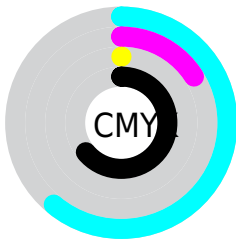
Distribution



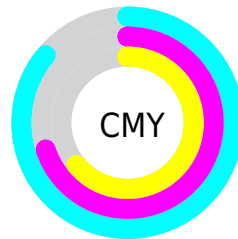
- Red (14%)
- Green (30%)
- Blue (36%)



- Red (14%)
- Yellow (24%)
- Blue (36%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (70%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4510, 12.5957, -26.7055 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 66.4510, 12.5957, -26.7055 by changing the saturation by 10% instead.

66.4510, 12.5957,
-26.7055

66.4510, 12.5957,
-26.7055

255.0000, 0.0000,
0.0000

41.5430, 13.0433,
-30.2942

115.8640, 12.8850,
-26.1907

24.6150, 10.5428,
-21.5874

141.9780, 13.3218,
-26.2907

5.8990, 9.9098,
-5.1734

168.6790, 13.4693,
-26.9055

0.0000, 0.0000,
0.0000

195.7930, 13.9061,
-27.0055

223.9070, 14.3428,
-27.1054

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

66.4510, 12.5957,
-26.7055

66.4510, 12.5957,
-26.7055

62.5860, 14.5011,
-31.2089

70.3160, 10.6902,
-22.2021

58.1340, 16.6959,
-35.1975

74.7680, 8.4954,
-18.2135

53.9700, 18.7488,
-40.3157

78.9320, 6.4425,
-13.0954

49.8170, 20.7962,
-43.6895

83.3840, 4.2477,
-9.1068

87.2490, 2.3422,
-4.6034

■ 91.7010, 0.1474,
-0.6148

■ 95.5660, -1.7580,
3.8886

■ 100.3170, -4.1003,
8.4920

■ 104.1820, -6.0057,
12.9954

Harmonies

Analogous

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



65.2890, 8.2385, -29.1945



66.4510, 12.5957, -26.7055



70.0440, 13.2893, -15.8246

Triad

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



66.4510, 12.5957, -26.7055



73.9360, 0.5246, 18.4731



69.9540, -10.3303, 0.0403

Complementary

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



66.4510, 12.5957, -26.7055



61.5490, -12.5957, 26.7055

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.



71.2650, -11.9626, 10.2916



66.4510, 12.5957, -26.7055



73.0520, -5.4486, 21.0024

Square

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



66.4510, 12.5957, -26.7055



73.7870, 6.5140, 10.7108



72.4770, -10.0952, 17.9987



68.1420, -5.4930, -11.5255

Rectangle

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



66.4510, 12.5957, -26.7055



71.7570, 11.9518, -6.8029



72.4770, -10.0952, 17.9987



70.6340, -11.6516, 3.8290

Sweetspot

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



66.4510, 12.5957, -26.7055



109.9000, 4.9793, -10.4363



70.5820, -9.6539, -30.3284



55.3520, 2.7845, -6.4477



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



66.4510, 12.5957, -26.7055



79.6000, 19.9172, -41.7452



50.0150, 20.6986, -12.2912



43.9180, 1.0264, -2.5591



59.5000, 24.8965, -52.1815



129.1560, 53.1671, -113.2698

Inverse Universe

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



57.4180, 9.6539, 30.3284



65.6080, 14.9833, 47.7018



77.9850, -20.6986, 12.2912



42.9510, 1.0102, 2.6740



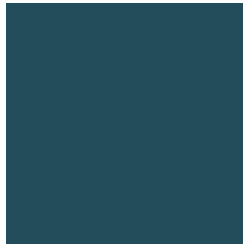
42.0100, 18.7291, 59.6272



90.6990, 41.0674, 128.3060

Previews

White Background



This preview shows how the YUV color 66.4510, 12.5957, -26.7055 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 ✓ Pass

Black Background



This preview shows how the YUV color 66.4510, 12.5957, -26.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

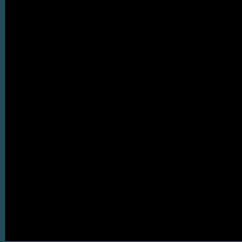
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4510, 12.5957, -26.7055

Background



This preview shows how black text looks on a background with the YUV color 66.4510, 12.5957, -26.7055.



This preview shows how white text looks on a background with the YUV color 66.4510, 12.5957,

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

66.4510, 12.5957, -26.7055

Protanopia

72.0410, 7.8678, -3.5440

Deuteranopia

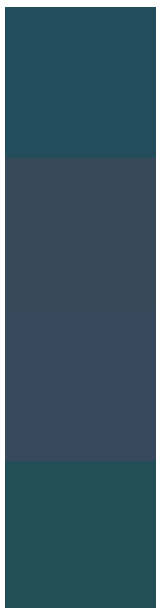
71.7250, 10.4886, -4.1438



Tritanopia

65.3430, 9.6909, -28.3648

Trichromacy



Original Color

66.4510, 12.5957, -26.7055

Protanomaly

69.7410, 9.4947, -12.0509

Deuteranomaly

70.1970, 11.2419, -12.4508

Tritanomaly

65.9840, 10.8539, -28.0500

Monochromacy



Original Color

66.4510, 12.5957, -26.7055

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

66.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4510, 12.5957, -26.7055 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(36, 77, 92)` looks like.

```
.text, #text, p{  
    color:rgb(36, 77, 92)  
}
```

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(36, 77, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 77, 92) }
```

Border

The CSS property to change the border of an element to YUV 66.4510, 12.5957, -26.7055 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(36, 77, 92) }
```


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

```
.border{ border-color:rgb(36, 77, 92) }
```

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

Here you see how a box with a 4 pixel rgb(36, 77, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 77, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 77, 92);  
box-shadow:4px 4px 4px 4px rgb(36, 77, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4510, 12.5957, -26.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 77, 92) }
```

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

```
.background{ background-color: rgb(36, 77,  
92) }
```

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