

# Converting Colors

YUV(65.7510, 24.2798,  
-41.0006)

Have a look what the booklet for  
YUV(65.7510, 24.2798, -41.0006)  
contains.

<b>YUV(65.7510, 24.2798, -41.0006)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(65.7510, 24.2798,  
-41.0006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	135073
RGB	19, 80, 115
RGB Percent	7%, 31%, 45%
CMY	0.9255, 0.6863, 0.5490
CMYK	0.83, 0.30, 0.00, 0.55
HSL	202°, 72%, 26%
HSV	202°, 83%, 45%
XYZ	6.2317, 7.1136, 17.2643
YIQ	65.7510, -47.5910, -2.0470

# Conversions

## Conversions Part 2

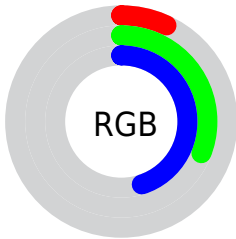
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 56, 115
Decimal	1265779
CIE <sub>Lab</sub>	32.06, -5.56, -25.38
CIE <sub>LCh</sub>	32, 25.981, 257.652
Y <sub>xy</sub>	7.1136, 0.2036, 0.2324
Android (android.graphics.Color)	4279455859 (0xFF135073)
YUV	65.7510, 24.2798, -41.0006
Hunter-Lab	26.6713, -4.9683, -19.7084

# Details

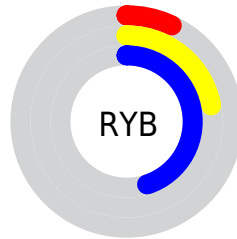
The YUV color **65.7510, 24.2798, -41.0006** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.2490, -24.2798, 41.0006**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6810, 23.8213, -33.9232**, and **28.7700, 18.8474, -25.2313** is the 20% darker color. If you saturate the color by 10%, you get **59.8150, 27.2062, -46.3188**, and if you desaturate by 10%, it is **71.6870, 21.3533, -35.6825**.

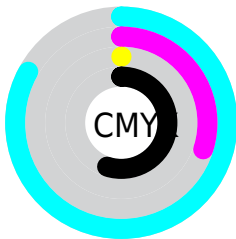
# Distribution



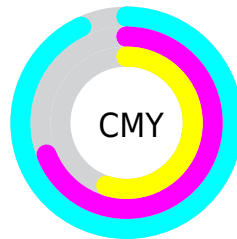
- Red (7%)
- Green (31%)
- Blue (45%)



- Red (7%)
- Yellow (22%)
- Blue (45%)



- Cyan (83%)
- Magenta (30%)
- Yellow (0%)
- Black (55%)



- Cyan (93%)
- Magenta (69%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.7510, 24.2798, -41.0006 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 65.7510, 24.2798, -41.0006 by changing the saturation by 10% instead.



■ 65.7510, 24.2798,  
-41.0006

■ 65.7510, 24.2798,  
-41.0006

■ 255.0000, 0.0000,  
0.0000

■ 43.7190, 22.8165,  
-38.3416

■ 118.6810, 23.8213,  
-33.9232

■ 28.7700, 18.8474,  
-25.2313

■ 145.0940, 24.1107,  
-33.4084

■ 13.2340, 15.1676,  
-11.6062

■ 172.2080, 24.5475,  
-33.5084

■ 3.2090, 9.7570,  
-2.8143

■ 199.7350, 25.2736,  
-33.0936

■ 0.0000, 0.0000,  
0.0000

■ 225.5860, 14.5011,  
-31.2089

■ 244.2360, 5.3067,

-22.1320

252.9070, 1.0318,  
-4.3034

65.7510, 24.2798,  
-41.0006

65.7510, 24.2798,  
-41.0006

59.8150, 27.2062,  
-46.3188

71.6870, 21.3533,  
-35.6825

55.9610, 29.1062,  
-49.0778

77.3240, 18.5743,  
-30.9791

83.8470, 15.3584,  
-26.1758

89.4840, 12.5794,  
-21.4725

95.4200, 9.6529,  
-16.1543

■ 101.0570, 6.8739,  
-11.4510

■ 106.9930, 3.9475,  
-6.1329

■ 113.2170, 0.8790,  
-1.9443

■ 119.1530, -2.0474,  
3.3738

# Harmonies

## Analogous

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



61.2780, 21.5549, -53.7408



65.7510, 24.2798, -41.0006



74.9830, 19.2354, -9.6321

# Triad

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



65.7510, 24.2798, -41.0006



76.0150, -5.9234, 33.3128



69.9260, -11.3025, -14.8441

# Complementary

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



65.7510, 24.2798, -41.0006



68.2490, -24.2798, 41.0006

# 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.



72.5000, -18.4875, 3.0695



65.7510, 24.2798, -41.0006



75.4030, -14.4957, 29.4646

# Square

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



65.7510, 24.2798, -41.0006



77.5010, 3.6970, 27.6246



74.0720, -19.2625, 18.3539



63.6980, 1.1349, -37.4461



# Rectangle

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



65.7510, 24.2798, -41.0006



77.3440, 15.1134, 5.8373



74.0720, -19.2625, 18.3539



70.5740, -14.0870, -8.3964

# Sweetspot

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



65.7510, 24.2798, -41.0006



131.3060, 9.2161, -16.0544



79.2280, -12.9304, -52.8200



64.8400, 5.9949, -9.5067



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.



65.7510, 24.2798, -41.0006



73.4520, 37.7382, -64.4174



38.1620, 37.8811, -16.8051



56.0320, 1.4632, -2.6591



59.6940, 30.7169, -52.3516



121.8330, 63.1863, -106.8475



# Inverse Universe

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



54.6580, 12.4936, 52.9199



55.7940, 19.8216, 82.6187



95.8380, -37.8811, 16.8051



55.2500, 0.8628, 3.2888



45.3700, 16.0866, 67.2045



92.8760, 32.5991, 137.7977



# Previews

## White Background



This preview shows how the YUV color 65.7510, 24.2798, -41.0006 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 65.7510, 24.2798, -41.0006 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

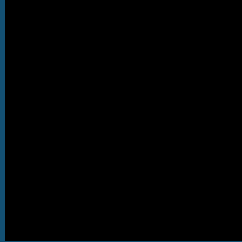
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 65.7510, 24.2798, -41.0006

## Background



This preview shows how black text looks on a background with the YUV color 65.7510, 24.2798, -41.0006.



This preview shows how white text looks on a background with the YUV color 65.7510, 24.2798,

-41.0006.

# 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

65.7510, 24.2798, -41.0006

### Protanopia

74.8150, 17.3462, -10.3618

### Deuteranopia

73.6940, 20.8569, -16.3946



## Tritanopia

59.5680, 15.0030, -52.2411

# Trichromacy



## Original Color

65.7510, 24.2798, -41.0006

## Protanomaly

71.4330, 19.9995, -21.4277

## Deuteranomaly

70.9810, 22.1944, -25.4163

## Tritanomaly

62.1000, 18.1917, -48.3227

# Monochromacy



## Original Color

65.7510, 24.2798, -41.0006

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

65.9040, 8.9213, -14.8248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.7510, 24.2798, -41.0006 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(19, 80, 115)` looks like.

```
.text, #text, p{  
    color:rgb(19, 80, 115)  
}
```

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(19, 80, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 80, 115) }
```

## Border

The CSS property to change the border of an element to YUV 65.7510, 24.2798, -41.0006 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(19, 80, 115) }
```



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

```
.border{ border-color:rgb(19, 80, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 80, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 80, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 80, 115);  
box-shadow:4px 4px 4px 4px rgb(19, 80,  
115) }
```

# Background

The CSS property to change the background color of an element to YUV 65.7510, 24.2798, -41.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 80, 115) }
```

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

```
.background{ background-color: rgb(19, 80,  
115) }
```

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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