

Converting Colors

YUV(73.7510, 24.2798,
-41.0006)

Have a look what the booklet for
YUV(73.7510, 24.2798, -41.0006)
contains.

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Color

**YUV(73.7510, 24.2798,
-41.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	1B587B
RGB	27, 88, 123
RGB Percent	11%, 35%, 48%
CMY	0.8941, 0.6549, 0.5176
CMYK	0.78, 0.28, 0.00, 0.52
HSL	202°, 64%, 29%
HSV	202°, 78%, 48%
XYZ	7.5169, 8.6425, 20.0109
YIQ	73.7510, -47.5910, -2.0470

Conversions

Conversions Part 2

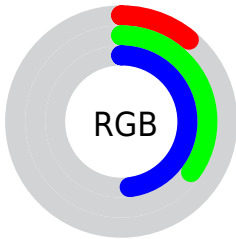
Format	Color
R_{YB}	27, 64, 123
Decimal	1792123
CIE _{Lab}	35.29, -6.44, -25.28
CIE _{LCh}	35, 26.093, 255.703
Yxy	8.6425, 0.2078, 0.2389
Android (android.graphics.Color)	4279982203 (0xFF1B587B)
YUV	73.7510, 24.2798, -41.0006
Hunter-Lab	29.3982, -5.8058, -19.7791

Details

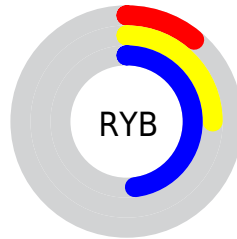
The YUV color **73.7510, 24.2798, -41.0006** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **76.2490, -24.2798, 41.0006**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7840, 24.2635, -35.7676**, and **33.6770, 19.8792, -29.5347** is the 20% darker color. If you saturate the color by 10%, you get **67.8150, 27.2062, -46.3188**, and if you desaturate by 10%, it is **79.6870, 21.3533, -35.6825**.

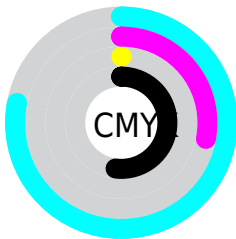
Distribution



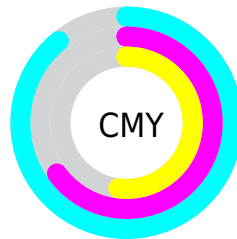
- Red (11%)
- Green (35%)
- Blue (48%)



- Red (11%)
- Yellow (25%)
- Blue (48%)



- Cyan (78%)
- Magenta (28%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (65%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7510, 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 73.7510, 24.2798, -41.0006 by changing the saturation by 10% instead.

■ 73.7510, 24.2798,
-41.0006

■ 73.7510, 24.2798,
-41.0006

■ 255.0000, 0.0000,
0.0000

■ 49.3270, 23.9958,
-43.2598

■ 126.7840, 24.2635,
-35.7676

■ 33.6770, 19.8792,
-29.5347

■ 153.1970, 24.5529,
-35.2528

■ 19.3150, 15.6207,
-16.9393

■ 180.6100, 24.8423,
-34.7380

■ 4.5940, 12.5252,
-4.0289

■ 208.1540, 23.0951,
-34.3381

■ 0.0000, 0.0000,
0.0000

■ 232.9620, 10.8647,
-31.5387

■ 246.3290, 4.2748,

-17.8285

■ 73.7510, 24.2798,
-41.0006

■ 73.7510, 24.2798,
-41.0006

■ 67.8150, 27.2062,
-46.3188

■ 79.6870, 21.3533,
-35.6825

■ 60.9930, 30.5695,
-51.7369

■ 86.5090, 17.9901,
-30.2644

■ 59.8080, 31.1537,
-52.4516

■ 92.4450, 15.0636,
-24.9463

■ 98.9680, 11.8478,
-20.1429

■ 105.2030, 8.7739,
-14.2100

■ 111.7260, 5.5581,
-9.4067

■ 117.6620, 2.6316,
-4.0886

■ 124.1850, -0.5842,
0.7148

■ 130.4200, -3.6581,
6.6477

Harmonies

Analogous

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



66.7720, 22.2974, -58.5590



73.7510, 24.2798, -41.0006



82.2000, 20.1144, -11.5764

Triad

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



73.7510, 24.2798, -41.0006



83.8410, -5.3446, 34.3424



77.4100, -12.0341, -13.5146

Complementary

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



73.7510, 24.2798, -41.0006



76.2490, -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.



80.0980, -18.7823, 4.2991



73.7510, 24.2798, -41.0006



83.1150, -14.3537, 30.5941

Square

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



73.7510, 24.2798, -41.0006



85.0280, 4.4232, 28.0394



81.9690, -19.7047, 20.1982



72.3670, -0.1809, -35.4019

Rectangle

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



73.7510, 24.2798, -41.0006



84.8600, 15.8450, 4.5078



81.9690, -19.7047, 20.1982



78.6450, -15.1080, -7.5817

Sweetspot

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



73.7510, 24.2798, -41.0006



141.7190, 9.5055, -15.5396



87.2280, -12.9304, -52.8200



69.8400, 5.9949, -9.5067



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



73.7510, 24.2798, -41.0006



83.5660, 38.1750, -64.5174



46.1620, 37.8811, -16.8051



58.0320, 1.4632, -2.6591



60.6230, 31.7379, -53.1664



122.6480, 63.7705, -107.5623

Inverse Universe

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



62.6580, 12.4936, 52.9199



66.0930, 19.6742, 83.2334



103.8380, -37.8811, 16.8051



57.2500, 0.8628, 3.2887



46.3810, 16.0812, 68.9489



93.5880, 32.7411, 138.9273

Previews

White Background



This preview shows how the YUV color 73.7510, 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 73.7510, 24.2798, -41.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

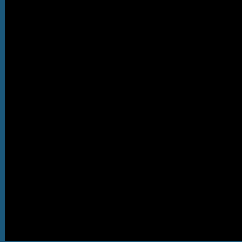
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7510, 24.2798, -41.0006

Background



This preview shows how black text looks on a background with the YUV color 73.7510, 24.2798, -41.0006.



This preview shows how white text looks on a background with the YUV color 73.7510, 24.2798, -41.0006.

-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

73.7510, 24.2798, -41.0006

Protanopia

82.8150, 17.3462, -10.3618

Deuteranopia

81.4060, 20.9988, -15.2651

Trichromacy



Original Color

73.7510, 24.2798, -41.0006

Protanomaly

79.4330, 19.9995, -21.4277

Deuteranomaly

78.6930, 22.3364, -24.2868

Monochromacy



Original Color

73.7510, 24.2798, -41.0006

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9040, 8.9213, -14.8248

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7510, 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(27, 88, 123)` looks like.

```
.text, #text, p{  
    color:rgb(27, 88, 123)  
}
```

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(27, 88, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 88, 123) }
```

Border

The CSS property to change the border of an element to YUV 73.7510, 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(27, 88, 123) }
```

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

```
.border{ border-color:rgb(27, 88, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 88, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 88, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 88, 123);  
box-shadow:4px 4px 4px 4px rgb(27, 88,  
123) }
```


Background

The CSS property to change the background color of an element to YUV 73.7510, 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(27, 88, 123) }
```

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

```
.background{ background-color: rgb(27, 88,  
123) }
```

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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