

Converting Colors

YUV(73.3530, 44.6890,
-53.8066)

Have a look what the booklet for
YUV(73.3530, 44.6890, -53.8066)
contains.

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Color

**YUV(73.3530, 44.6890,
-53.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	0C57A4
RGB	12, 87, 164
RGB Percent	5%, 34%, 64%
CMY	0.9529, 0.6588, 0.3569
CMYK	0.93, 0.47, 0.00, 0.36
HSL	210°, 86%, 35%
HSV	210°, 93%, 64%
XYZ	10.2607, 9.5749, 36.4293
YIQ	73.3530, -69.4170, 8.0470

Conversions

Conversions Part 2

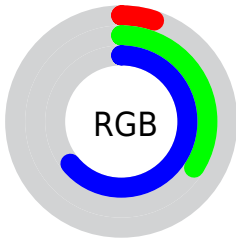
Format	Color
RYB	12, 62, 164
Decimal	808868
CIELab	37.07, 9.33, -47.35
CIELCh	37, 48.258, 281.151
Yxy	9.5749, 0.1824, 0.1702
Android (android.graphics.Color)	4278998948 (0xFF0C57A4)
YUV	73.3530, 44.6890, -53.8066
Hunter-Lab	30.9433, 5.0389, -48.1413

Details

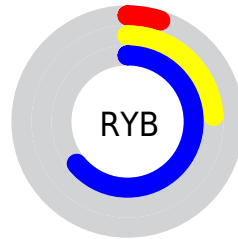
The YUV color **73.3530, 44.6890, -53.8066** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **102.6470, -44.6890, 53.8066**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.8220, 43.4718, -36.6779**, and **37.8950, 36.0408, -33.2339** is the 20% darker color. If you saturate the color by 10%, you get **66.2430, 48.1942, -58.0951**, and if you desaturate by 10%, it is **82.8330, 40.0153, -48.0885**.

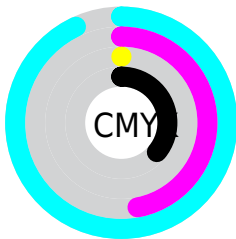
Distribution



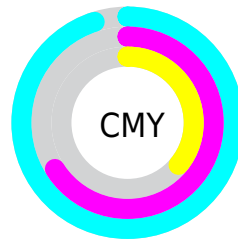
- Red (5%)
- Green (34%)
- Blue (64%)



- Red (5%)
- Yellow (24%)
- Blue (64%)



- Cyan (93%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.3530, 44.6890, -53.8066 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 73.3530, 44.6890, -53.8066 by changing the saturation by 10% instead.

■ 73.3530, 44.6890,
-53.8066

■ 73.3530, 44.6890,
-53.8066

■ 255.0000, 0.0000,
0.0000

■ 53.1860, 41.3203,
-46.6441

■ 131.8220, 43.4718,
-36.6779

■ 37.8950, 36.0408,
-33.2339

■ 159.2460, 43.7557,
-34.4187

■ 23.8920, 30.6192,
-20.9533

■ 184.5640, 34.7249,
-31.1896

■ 10.7040, 25.7819,
-9.3874

■ 209.6710, 22.3472,
-27.7755

■ 6.3210, 16.6037,
-5.5435

■ 235.0770, 9.8220,
-23.7465

■ 2.5250, 7.1362,
-2.2144

■ 249.9170, 2.5059,

■ 0.0000, 0.0000,

-10.4512

0.0000

■ 73.3530, 44.6890,
-53.8066

■ 73.3530, 44.6890,
-53.8066

■ 66.2430, 48.1942,
-58.0951

■ 82.8330, 40.0153,
-48.0885

■ 93.1990, 34.9049,
-42.2705

■ 102.6790, 30.2313,
-36.5525

■ 112.4580, 25.4102,
-30.2197

■ 122.5250, 20.4472,
-25.0164

■ 132.0050, 15.7735,
-19.2984

■ 141.7840, 10.9525,
-12.9656

■ 151.2640, 6.2788,
-7.2475

■ 161.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



75.8800, 41.9642, -66.5468



73.3530, 44.6890, -53.8066



89.7270, 27.7426, 15.1484

Triad

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



73.3530, 44.6890, -53.8066



83.2170, -22.2920, 56.8147



67.4150, -3.1626, -59.1230

Complementary

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



73.3530, 44.6890, -53.8066



102.6470, -44.6890, 53.8066

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.



74.9730, -26.1157, -23.6553



73.3530, 44.6890, -53.8066



82.2150, -39.5460, 37.5224

Square

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



73.3530, 44.6890, -53.8066



82.0820, -3.9844, 64.8261



80.3380, -39.6066, 10.2276



73.1490, 13.7305, -64.1517

Rectangle

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



73.3530, 44.6890, -53.8066



88.0740, 18.2045, 41.1541



80.3380, -39.6066, 10.2276



65.2320, -8.9884, -57.2085

Sweetspot

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



73.3530, 44.6890, -53.8066



178.4500, 17.5262, -21.4426



109.8880, -10.7908, -85.8478



85.6700, 10.5157, -12.8656



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



73.3530, 44.6890, -53.8066



86.6180, 62.7993, -75.9640



29.3280, 66.3933, -15.1967



76.3740, 2.7736, -2.9590



58.7940, 42.4996, -51.5623



7.3350, 5.2578, -6.4328

Inverse Universe

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



65.9980, 10.3540, 85.9478



76.0700, 14.7555, 120.9646



146.6720, -66.3933, 15.1967



76.1470, 0.4205, 5.1331



51.5630, 10.0754, 81.9442



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 73.3530, 44.6890, -53.8066 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 73.3530, 44.6890, -53.8066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

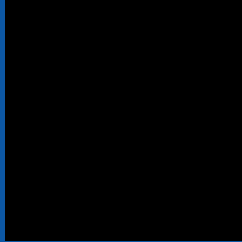
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.3530, 44.6890, -53.8066

Background



This preview shows how black text looks on a background with the YUV color 73.3530, 44.6890, -53.8066.



This preview shows how white text looks on a background with the YUV color 73.3530, 44.6890,

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

73.3530, 44.6890, -53.8066

Protanopia

81.7150, 39.0875, -30.4451

Deuteranopia

70.0270, 42.3847, -61.4137



Tritanopia

68.6810, 16.9193, -60.2332

Trichromacy



Original Color

73.3530, 44.6890, -53.8066

Protanomaly

78.5290, 41.1512, -39.0519

Deuteranomaly

70.9780, 43.3948, -58.7397

Tritanomaly

70.0370, 27.0968, -57.9144

Monochromacy



Original Color

73.3530, 44.6890, -53.8066

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

73.1190, 16.2103, -19.3984

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.3530, 44.6890, -53.8066 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(12, 87, 164)` looks like.

```
.text, #text, p{  
    color:rgb(12, 87, 164)  
}
```

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(12, 87, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 87, 164) }
```

Border

The CSS property to change the border of an element to YUV 73.3530, 44.6890, -53.8066 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(12, 87, 164) }
```


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

```
.border{ border-color:rgb(12, 87, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 87, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 87, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 87, 164);  
box-shadow:4px 4px 4px 4px rgb(12, 87,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 73.3530, 44.6890, -53.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 87, 164) }
```

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

```
.background{ background-color: rgb(12, 87,  
164) }
```

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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