

Converting Colors

YUV(77.1900, 25.0493,
-54.5406)

Have a look what the booklet for
YUV(77.1900, 25.0493, -54.5406)
contains.

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Color

**YUV(77.1900, 25.0493,
-54.5406)**

Conversions

Conversions Part 1

Format	Color
Hex	0F6380
RGB	15, 99, 128
RGB Percent	6%, 39%, 50%
CMY	0.9412, 0.6118, 0.4980
CMYK	0.88, 0.23, 0.00, 0.50
HSL	195°, 79%, 28%
HSV	195°, 88%, 50%
XYZ	8.5551, 10.5838, 22.0140
YIQ	77.1900, -59.3730, -8.7890

Conversions

Conversions Part 2

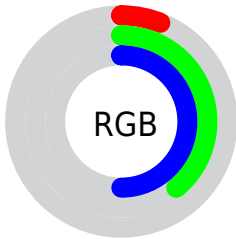
Format	Color
RYB	15, 63, 128
Decimal	1008512
CIELab	38.87, -12.43, -22.78
CIELCh	39, 25.952, 241.377
Yxy	10.5838, 0.2079, 0.2572
Android (android.graphics.Color)	4279198592 (0xFF0F6380)
YUV	77.1900, 25.0493, -54.5406
Hunter-Lab	32.5327, -9.9920, -17.3472

Details

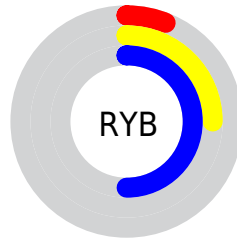
The YUV color **77.1900, 25.0493, -54.5406** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **65.8100, -25.0493, 54.5406**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2020, 23.5644, -44.9042**, and **39.5300, 19.4587, -34.6678** is the 20% darker color. If you saturate the color by 10%, you get **71.5420, 27.8338, -60.9883**, and if you desaturate by 10%, it is **82.8380, 22.2649, -48.0929**.

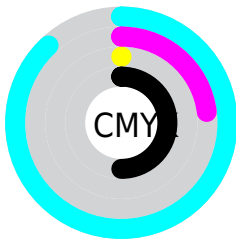
Distribution



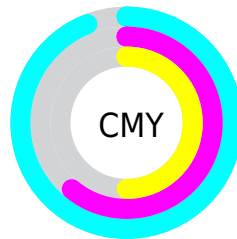
- Red (6%)
- Green (39%)
- Blue (50%)



- Red (6%)
- Yellow (25%)
- Blue (50%)



- Cyan (88%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)



- Cyan (94%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1900, 25.0493, -54.5406 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 77.1900, 25.0493, -54.5406 by changing the saturation by 10% instead.

■ 77.1900, 25.0493,
-54.5406

■ 77.1900, 25.0493,
-54.5406

■ 255.0000, 0.0000,
0.0000

■ 55.7670, 23.2859,
-48.9077

■ 133.2020, 23.5644,
-44.9042

■ 39.5300, 19.4587,
-34.6678

■ 160.0280, 24.1432,
-43.8746

■ 24.5810, 15.4896,
-21.5575

■ 188.0280, 24.1432,
-43.8746

■ 5.0500, 14.2723,
-4.4289

■ 215.1870, 19.6278,
-42.2600

■ 1.0260, 3.9312,
-0.8998

■ 237.0600, 8.8444,
-36.8866

■ 0.0000, 0.0000,
0.0000

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 77.1900, 25.0493,
-54.5406

■ 77.1900, 25.0493,
-54.5406

■ 71.5420, 27.8338,
-60.9883

■ 82.8380, 22.2649,
-48.0929

■ 70.3570, 28.4180,
-61.7031

■ 89.0730, 19.1910,
-42.1600

■ 94.4220, 16.5540,
-36.3271

■ 100.0700, 13.7695,
-29.8794

■ 105.7180, 10.9850,
-23.4317

■ 111.9530, 7.9112,
-17.4988

■ 117.6010, 5.1267,
-11.0511

■ 122.9500, 2.4896,
-5.2182

■ 129.1850, -0.5842,
0.7148

Harmonies

Analogous

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



72.7560, 19.8403, -63.8070



77.1900, 25.0493, -54.5406



87.9920, 22.1889, -23.6720

Triad

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



77.1900, 25.0493, -54.5406



93.5680, -1.2660, 32.8279



87.7270, -16.1344, -5.0226

Complementary

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



77.1900, 25.0493, -54.5406



65.8100, -25.0493, 54.5406

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.



90.0990, -20.2618, 12.1912



77.1900, 25.0493, -54.5406



92.4620, -10.5808, 33.7978

Square

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



77.1900, 25.0493, -54.5406



94.1350, 8.8074, 21.8066



91.1700, -17.8318, 26.1609



84.4240, -6.6180, -24.0508

Rectangle

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



77.1900, 25.0493, -54.5406



92.0050, 19.2245, -6.1434



91.1700, -17.8318, 26.1609



88.4890, -18.4821, 1.3251

Sweetspot

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



77.1900, 25.0493, -54.5406



146.6860, 9.5218, -20.7726



84.5230, -20.4708, -60.9717



72.1170, 5.8583, -12.3806



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



77.1900, 25.0493, -54.5406



91.1250, 36.9134, -79.9166



44.3180, 41.2552, -25.7119



60.7330, 1.6106, -3.2738



70.3570, 28.4180, -61.7031



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.3630, 20.0340, 61.0716



63.6560, 29.2566, 89.7557



98.6820, -41.2552, 25.7119



59.6630, 1.1521, 3.8035



49.1020, 22.6277, 69.1935



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 77.1900, 25.0493, -54.5406 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 77.1900, 25.0493, -54.5406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

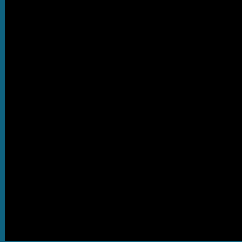
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1900, 25.0493, -54.5406

Background



This preview shows how black text looks on a background with the YUV color 77.1900, 25.0493, -54.5406.



This preview shows how white text looks on a background with the YUV color 77.1900, 25.0493,

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

77.1900, 25.0493, -54.5406

Protanopia

91.4410, 14.5726, -7.4028

Deuteranopia

90.6730, 19.3882, -11.9912



Tritanopia

72.3000, 18.0931, -63.4071

Trichromacy



Original Color

77.1900, 25.0493, -54.5406

Protanomaly

86.0690, 18.7000, -24.6165

Deuteranomaly

85.4430, 21.4736, -27.5755

Tritanomaly

74.0060, 20.7030, -60.5183

Monochromacy



Original Color

77.1900, 25.0493, -54.5406

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.9850, 9.3744, -20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1900, 25.0493, -54.5406 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(15, 99, 128)` looks like.

```
.text, #text, p{  
    color:rgb(15, 99, 128)  
}
```

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(15, 99, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 99, 128) }
```

Border

The CSS property to change the border of an element to YUV 77.1900, 25.0493, -54.5406 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(15, 99, 128) }
```


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

```
.border{ border-color:rgb(15, 99, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 99, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 99, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 99, 128);  
box-shadow:4px 4px 4px 4px rgb(15, 99,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 77.1900, 25.0493, -54.5406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 99, 128) }
```

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

```
.background{ background-color: rgb(15, 99,  
128) }
```

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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