

Converting Colors

YUV(70.2440, 26.5017,
-53.7110)

Have a look what the booklet for
YUV(70.2440, 26.5017, -53.7110)
contains.

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Color

**YUV(70.2440, 26.5017,
-53.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	095B7C
RGB	9, 91, 124
RGB Percent	4%, 36%, 49%
CMY	0.9647, 0.6431, 0.5137
CMYK	0.93, 0.27, 0.00, 0.51
HSL	197°, 86%, 26%
HSV	197°, 93%, 49%
XYZ	7.4918, 8.9955, 20.4102
YIQ	70.2440, -59.4650, -7.1210

Conversions

Conversions Part 2

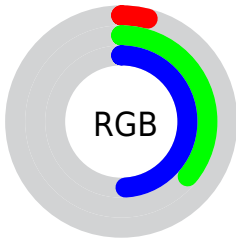
Format	Color
R_{YB}	9, 57, 124
Decimal	613244
CIE _{Lab}	35.98, -9.65, -24.85
CIE _{LCh}	36, 26.657, 248.773
Yxy	8.9955, 0.2030, 0.2438
Android (android.graphics.Color)	4278803324 (0xFF095B7C)
YUV	70.2440, 26.5017, -53.7110
Hunter-Lab	29.9925, -7.8992, -19.3528

Details

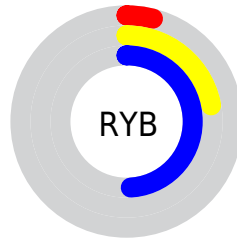
The YUV color **70.2440, 26.5017, -53.7110** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **62.7560, -26.5017, 53.7110**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5660, 24.8640, -41.7154**, and **34.9650, 19.7373, -30.6643** is the 20% darker color. If you saturate the color by 10%, you get **65.7920, 28.6965, -57.6996**, and if you desaturate by 10%, it is **76.1800, 23.5753, -48.3929**.

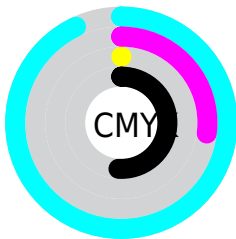
Distribution



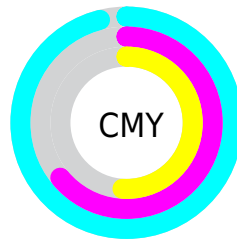
- Red (4%)
- Green (36%)
- Blue (49%)



- Red (4%)
- Yellow (22%)
- Blue (49%)



- Cyan (93%)
- Magenta (27%)
- Yellow (0%)
- Black (51%)



- Cyan (96%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2440, 26.5017, -53.7110 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 70.2440, 26.5017, -53.7110 by changing the saturation by 10% instead.

■ 70.2440, 26.5017,
-53.7110

■ 70.2440, 26.5017,
-53.7110

■ 255.0000, 0.0000,
0.0000

■ 51.2020, 23.5644,
-44.9042

■ 126.5660, 24.8640,
-41.7154

■ 34.9650, 19.7373,
-30.6643

■ 153.2780, 25.0059,
-40.5858

■ 20.6030, 15.4787,
-18.0688

■ 181.2780, 25.0059,
-40.5858

■ 4.7080, 12.9620,
-4.1289

■ 208.7080, 22.8220,
-40.0859

■ 0.2280, 0.8736,
-0.2000

■ 233.5160, 10.5916,
-37.2865

■ 0.0000, 0.0000,
0.0000

■ 244.5350, 5.1592,

-21.5172

253.5050, 0.7370,
-3.0739

70.2440, 26.5017,
-53.7110

70.2440, 26.5017,
-53.7110

65.7920, 28.6965,
-57.6996

76.1800, 23.5753,
-48.3929

81.8280, 20.7908,
-41.9452

87.7640, 17.8643,
-36.6270

93.4120, 15.0799,
-30.1793

99.3480, 12.1534,
-24.8612

■ 104.6970, 9.5164,
-19.0283

■ 110.9320, 6.4425,
-13.0954

■ 116.2810, 3.8055,
-7.2624

■ 122.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



68.4190, 20.9924, -60.0035



70.2440, 26.5017, -53.7110



82.9110, 21.7359, -18.3389

Triad

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



70.2440, 26.5017, -53.7110



85.7100, -3.3080, 34.4573



79.7480, -14.6658, -9.4260

Complementary

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



70.2440, 26.5017, -53.7110



62.7560, -26.5017, 53.7110

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.



82.0770, -20.2510, 8.7025



70.2440, 26.5017, -53.7110



85.1800, -12.9067, 33.1681

Square

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



70.2440, 26.5017, -53.7110



87.2880, 6.7600, 25.1804



84.1050, -19.2788, 23.5869



75.7760, -3.8336, -30.4986

Rectangle

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



70.2440, 26.5017, -53.7110



85.6960, 17.8979, -0.6104



84.1050, -19.2788, 23.5869



80.5100, -17.0134, -3.0783

Sweetspot

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



70.2440, 26.5017, -53.7110



139.9140, 10.3954, -20.9726



80.2670, -18.8656, -62.5012



68.9320, 6.4425, -13.0954



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.



70.2440, 26.5017, -53.7110



85.8590, 37.0445, -75.2983



36.7850, 42.9970, -24.3674



58.0320, 1.4632, -2.6591



66.4930, 28.8440, -58.3144



134.3880, 57.9827, -117.8583

Inverse Universe

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



52.7330, 18.8656, 62.5012



61.2490, 26.4992, 87.4816



96.2150, -42.9970, 24.3674



57.2500, 0.8628, 3.2887



47.5210, 20.4491, 67.9491



95.8680, 41.4771, 136.9278

Previews

White Background



This preview shows how the YUV color 70.2440, 26.5017, -53.7110 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 70.2440, 26.5017, -53.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

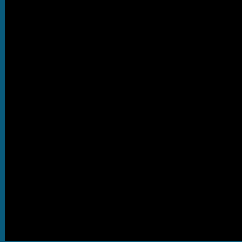
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2440, 26.5017, -53.7110

Background



This preview shows how black text looks on a background with the YUV color 70.2440, 26.5017, -53.7110.



This preview shows how white text looks on a background with the YUV color 70.2440, 26.5017,

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

70.2440, 26.5017, -53.7110

Protanopia

84.2990, 16.6146, -9.0322

Deuteranopia

83.4060, 20.9988, -15.2651



Tritanopia

66.6920, 16.9138, -58.4889

Trichromacy



Original Color

70.2440, 26.5017, -53.7110

Protanomaly

79.1120, 20.1578, -25.5312

Deuteranomaly

78.7740, 22.7894, -29.6198

Tritanomaly

67.9140, 20.2554, -56.9296

Monochromacy



Original Color

70.2440, 26.5017, -53.7110

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3980, 9.6638, -19.6430

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2440, 26.5017, -53.7110 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(9, 91, 124)` looks like.

```
.text, #text, p{  
    color:rgb(9, 91, 124)  
}
```

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(9, 91, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 91, 124) }
```

Border

The CSS property to change the border of an element to YUV 70.2440, 26.5017, -53.7110 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(9, 91, 124) }
```


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

```
.border{ border-color:rgb(9, 91, 124) }
```

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

Here you see how a box with a 4 pixel rgb(9, 91, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 91, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 91, 124);  
box-shadow:4px 4px 4px 4px rgb(9, 91, 124)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2440, 26.5017, -53.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 91, 124) }
```

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

```
.background{ background-color: rgb(9, 91,  
124) }
```

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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