

Converting Colors

YUV(69.7880, 24.7545,
-53.3111)

Have a look what the booklet for
YUV(69.7880, 24.7545, -53.3111)
contains.

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Color

**YUV(69.7880, 24.7545,
-53.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	095B78
RGB	9, 91, 120
RGB Percent	4%, 36%, 47%
CMY	0.9647, 0.6431, 0.5294
CMYK	0.93, 0.24, 0.00, 0.53
HSL	196°, 86%, 25%
HSV	196°, 92%, 47%
XYZ	7.2439, 8.8963, 19.1047
YIQ	69.7880, -58.1810, -8.3650

Conversions

Conversions Part 2

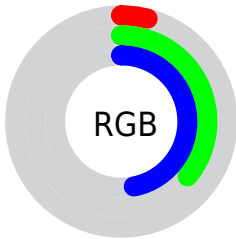
Format	Color
R_{YB}	9, 56, 120
Decimal	613240
CIE _{Lab}	35.78, -11.22, -22.68
CIE _{LCh}	36, 25.306, 243.689
Yxy	8.8963, 0.2055, 0.2524
Android (android.graphics.Color)	4278803320 (0xFF095B78)
YUV	69.7880, 24.7545, -53.3111
Hunter-Lab	29.8267, -8.8450, -17.0979

Details

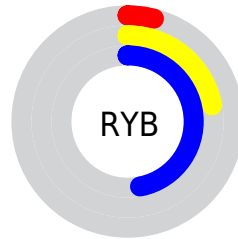
The YUV color **69.7880, 24.7545, -53.3111** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **59.2120, -24.7545, 53.3111**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.6970, 22.8274, -41.8303**, and **34.5090, 17.9901, -30.2644** is the 20% darker color. If you saturate the color by 10%, you get **65.9230, 26.6600, -57.8145**, and if you desaturate by 10%, it is **75.1370, 22.1175, -47.4781**.

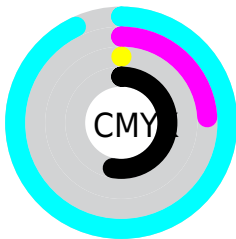
Distribution



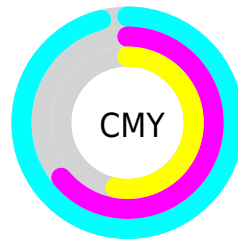
- Red (4%)
- Green (36%)
- Blue (47%)



- Red (4%)
- Yellow (22%)
- Blue (47%)



- Cyan (93%)
- Magenta (24%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7880, 24.7545, -53.3111 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 69.7880, 24.7545, -53.3111 by changing the saturation by 10% instead.

69.7880, 24.7545,
-53.3111

69.7880, 24.7545,
-53.3111

255.0000, 0.0000,
0.0000

50.7460, 21.8172,
-44.5042

125.6970, 22.8274,
-41.8303

34.5090, 17.9901,
-30.2644

153.1100, 23.1168,
-41.3155

20.2610, 14.1683,
-17.7689

180.2240, 23.5536,
-41.4154

3.7790, 11.9410,
-3.3142

208.1100, 23.1168,
-41.3155

0.0000, 0.0000,
0.0000

233.2170, 10.7390,
-37.9013

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

69.7880, 24.7545,
-53.3111

69.7880, 24.7545,
-53.3111

65.9230, 26.6600,
-57.8145

75.1370, 22.1175,
-47.4781

80.4860, 19.4804,
-41.6452

85.8350, 16.8433,
-35.8123

91.7710, 13.9169,
-30.4942

97.1200, 11.2798,
-24.6612

■ 102.4690, 8.6428,
-18.8283

■ 107.8180, 6.0057,
-12.9954

■ 113.1670, 3.3687,
-7.1625

■ 118.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



67.2620, 19.0978, -58.9888



69.7880, 24.7545, -53.3111



81.0740, 21.1625, -21.1129

Triad

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



69.7880, 24.7545, -53.3111



85.7420, -1.8448, 31.7983



80.3570, -14.9660, -6.4521

Complementary

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



69.7880, 24.7545, -53.3111



59.2120, -24.7545, 53.3111

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.



82.6150, -19.5302, 10.8616



69.7880, 24.7545, -53.3111



84.7500, -10.7227, 32.6683

Square

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



69.7880, 24.7545, -53.3111



86.7930, 7.4971, 22.1065



84.1590, -17.8264, 24.4166



76.4670, -5.1602, -24.9656

Rectangle

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



69.7880, 24.7545, -53.3111



85.2610, 17.6193, -4.6139



84.1590, -17.8264, 24.4166



81.1190, -17.3137, -0.1044

Sweetspot

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



69.7880, 24.7545, -53.3111



135.8000, 9.9586, -20.8726



77.3490, -19.8921, -59.9421



66.8180, 6.0057, -12.9954



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



69.7880, 24.7545, -53.3111



85.2890, 34.8605, -74.7985



38.0900, 40.3816, -25.5119



58.6190, 1.1738, -3.1739



68.2540, 27.9758, -59.8588



137.9100, 56.2464, -120.9471

Inverse Universe

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



51.5370, 19.4553, 60.0421



59.7540, 27.2363, 84.4077



90.9100, -40.3816, 25.5119



57.3640, 1.2995, 3.1888



47.8630, 21.7595, 67.6491



96.5520, 44.0979, 136.3279

Previews

White Background



This preview shows how the YUV color 69.7880, 24.7545, -53.3111 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 69.7880, 24.7545, -53.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

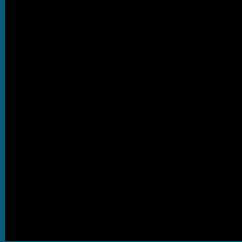
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7880, 24.7545, -53.3111

Background



This preview shows how black text looks on a background with the YUV color 69.7880, 24.7545, -53.3111.



This preview shows how white text looks on a background with the YUV color 69.7880, 24.7545,

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

69.7880, 24.7545, -53.3111

Protanopia

84.1420, 14.7200, -8.0175

Deuteranopia

83.2600, 19.0988, -12.5060



Tritanopia

66.1050, 17.2032, -57.9741

Trichromacy



Original Color

69.7880, 24.7545, -53.3111

Protanomaly

78.9550, 18.2632, -24.5165

Deuteranomaly

78.3290, 21.0368, -27.4755

Tritanomaly

67.2130, 20.1080, -56.3148

Monochromacy



Original Color

69.7880, 24.7545, -53.3111

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1700, 8.7902, -19.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7880, 24.7545, -53.3111 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(9, 91, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 91, 120) }
```

Border

The CSS property to change the border of an element to YUV 69.7880, 24.7545, -53.3111 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, 120) }
```


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

```
.border{ border-color:rgb(9, 91, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 91, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 91, 120);  
box-shadow:4px 4px 4px 4px rgb(9, 91, 120)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.7880, 24.7545, -53.3111 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, 120) }
```

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

```
.background{ background-color: rgb(9, 91,  
120) }
```

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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