

Converting Colors

YUV(92.0990, 13.2622, -7.1028)

Have a look what the booklet for
YUV(92.0990, 13.2622, -7.1028)
contains.

YUV(92.0990, 13.2622, -7.1028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.0990, 13.2622,
-7.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	545B77
RGB	84, 91, 119
RGB Percent	33%, 36%, 47%
CMY	0.6706, 0.6431, 0.5333
CMYK	0.29, 0.24, 0.00, 0.53
HSL	228°, 17%, 40%
HSV	228°, 29%, 47%
XYZ	10.7270, 10.6989, 18.9525
YIQ	92.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

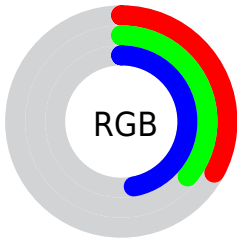
Format	Color
R_{YB}	84, 90, 119
Decimal	5528439
CIE _{Lab}	39.07, 4.26, -16.72
CIE _{LCh}	39, 17.258, 284.307
Yxy	10.6989, 0.2657, 0.2650
Android (android.graphics.Color)	4283718519 (0xFF545B77)
YUV	92.0990, 13.2622, -7.1028
Hunter-Lab	32.7092, 1.2983, -11.4576

Details

The YUV color **92.0990, 13.2622, -7.1028** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.9010, -13.2622, 7.1028**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.3270, 14.1358, -7.3028**, and **45.4580, 12.0992, -7.4177** is the 20% darker color. If you saturate the color by 10%, you get **82.6410, 17.9250, -9.3322**, and if you desaturate by 10%, it is **101.5570, 8.5994, -4.8735**.

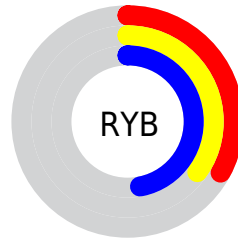
Distribution



Red (33%)

Green (36%)

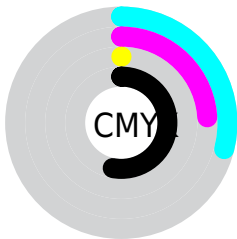
Blue (47%)



Red (33%)

Yellow (35%)

Blue (47%)

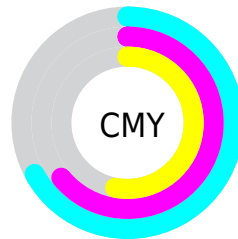


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.0990, 13.2622, -7.1028 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 92.0990, 13.2622, -7.1028 by changing the saturation by 10% instead.

■ 92.0990, 13.2622,
-7.1028

■ 92.0990, 13.2622,
-7.1028

■ 255.0000, 0.0000,
0.0000

■ 68.5720, 12.5360,
-7.5176

■ 142.3270, 14.1358,
-7.3028

■ 45.4580, 12.0992,
-7.4177

■ 168.8540, 14.8620,
-6.8880

■ 24.6320, 11.5204,
-8.4473

■ 196.5550, 15.0094,
-7.5027

■ 3.6650, 11.5042,
-3.2142

■ 223.9680, 15.2988,
-6.9879

■ 0.0000, 0.0000,
0.0000

■ 249.3630, 2.7790,
-4.7034

■ 92.0990, 13.2622,
-7.1028

■ 92.0990, 13.2622,
-7.1028

■ 82.6410, 17.9250,
-9.3322

■ 101.5570, 8.5994,
-4.8735

■ 73.7700, 22.2984,
-12.0763

■ 110.4280, 4.2260,
-2.1294

■ 64.3120, 26.9612,
-14.3056

■ 119.8860, -0.4368,
0.1000

■ 55.4410, 31.3346,
-17.0498

■ 128.7570, -4.8102,
2.8441

■ 46.2820, 35.8500,
-18.6643

■ 137.9160, -9.3256,
4.4587

■ 37.4110, 40.2234,
-21.4084

■ 146.7870,
-13.6990, 7.2028

■ 27.9530, 44.8862,
-23.6378

■ 156.2450,
-18.3618, 9.4321

■ 27.6540, 45.0336,

■ 165.1160,

-24.2526

-22.7352, 12.1763

■ 174.5740,
-27.3980, 14.4056

Harmonies

Analogous

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



89.0540, 14.7634, -21.9724



92.0990, 13.2622, -7.1028



93.7480, 8.9982, 7.2370

Triad

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



92.0990, 13.2622, -7.1028



92.9120, -9.8166, 22.0022



86.8250, -1.3927, -20.0175

Complementary

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



92.0990, 13.2622, -7.1028



110.9010, -13.2622, 7.1028

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.



88.7680, -8.2666, -8.5665



92.0990, 13.2622, -7.1028



92.2440, -13.4313, 14.6950

Square

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



92.0990, 13.2622, -7.1028



93.8180, -3.8543, 22.9616



90.4060, -12.5252, 4.0289



85.4200, 6.2019, -29.3093

Rectangle

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



92.0990, 13.2622, -7.1028



94.0650, 4.8980, 15.7290



90.4060, -12.5252, 4.0289



87.7500, -4.3137, -16.4438

Sweetspot

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



92.0990, 13.2622, -7.1028



144.7700, 5.5364, -2.4293



107.7370, 2.1017, -20.8173



72.2000, 3.3524, -1.9294



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.



92.0990, 13.2622, -7.1028



113.7270, 20.8406, -11.1616



90.9800, 13.8139, 2.6485



54.2710, 2.3314, -1.1147



27.9960, 46.3440, -24.5525



57.8500, 94.7300, -50.7344

Inverse Universe

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



95.2630, -2.1017, 20.8173



118.6990, -3.3026, 32.7130



111.7210, -13.6665, -3.2633



54.9080, -0.4476, 3.5887



39.2140, -7.5005, 72.6033



80.4500, -15.0119, 148.6954

Previews

White Background



This preview shows how the YUV color 92.0990, 13.2622, -7.1028 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 92.0990, 13.2622, -7.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

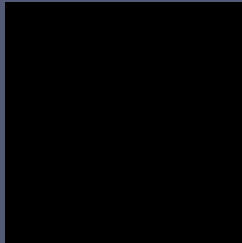
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

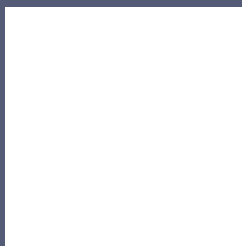
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 92.0990, 13.2622, -7.1028

Background



This preview shows how black text looks on a background with the YUV color 92.0990, 13.2622, -7.1028.



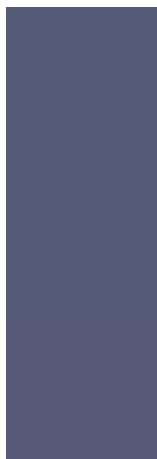
This preview shows how white text looks on a background with the YUV color 92.0990, 13.2622, -7.1028.

-7.1028.

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

92.0990, 13.2622, -7.1028

Protanopia

92.3980, 13.1148, -6.4880

Deuteranopia

92.1100, 13.2568, -5.3585



Tritanopia

90.7260, 5.5581, -9.4067

Trichromacy



Original Color

92.0990, 13.2622, -7.1028

Protanomaly

92.3980, 13.1148, -6.4880

Deuteranomaly

91.8110, 13.4042, -5.9732

Tritanomaly

91.1220, 8.3209, -8.8770

Monochromacy



Original Color

92.0990, 13.2622, -7.1028

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.0990, 13.2622, -7.1028 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(84, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(84, 91, 119)  
}
```

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(84, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 91, 119) }
```

Border

The CSS property to change the border of an element to YUV 92.0990, 13.2622, -7.1028 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(84, 91, 119) }
```


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

```
.border{ border-color:rgb(84, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(84, 91,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 92.0990, 13.2622, -7.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 91, 119) }
```

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

```
.background{ background-color: rgb(84, 91,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor