

Converting Colors

YUV(91.2130, 13.6990, -7.2028)

Have a look what the booklet for
YUV(91.2130, 13.6990, -7.2028)
contains.

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Color

**YUV(91.2130, 13.6990,
-7.2028)**

Conversions

Conversions Part 1

Format	Color
Hex	535A77
RGB	83, 90, 119
RGB Percent	33%, 35%, 47%
CMY	0.6745, 0.6471, 0.5333
CMYK	0.30, 0.24, 0.00, 0.53
HSL	228°, 18%, 40%
HSV	228°, 30%, 47%
XYZ	10.5532, 10.4832, 18.9200
YIQ	91.2130, -13.4810, 7.5350

Conversions

Conversions Part 2

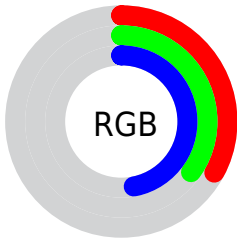
Format	Color
R _Y B	83, 89, 119
Decimal	5462647
CIE Lab	38.70, 4.56, -17.30
CIE LCh	39, 17.892, 284.760
Yxy	10.4832, 0.2641, 0.2624
Android (android.graphics.Color)	4283652727 (0xFF535A77)
YUV	91.2130, 13.6990, -7.2028
Hunter-Lab	32.3778, 1.5190, -11.9817

Details

The YUV color **91.2130, 13.6990, -7.2028** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.7870, -13.6990, 7.2028**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4410, 14.5726, -7.4028**, and **45.1590, 12.2466, -8.0324** is the 20% darker color. If you saturate the color by 10%, you get **81.7550, 18.3618, -9.4321**, and if you desaturate by 10%, it is **100.6710, 9.0362, -4.9735**.

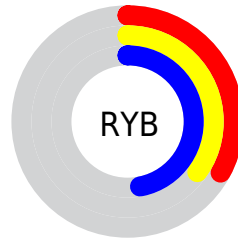
Distribution



Red (33%)

Green (35%)

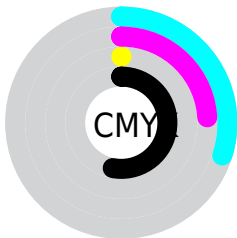
Blue (47%)



Red (33%)

Yellow (35%)

Blue (47%)

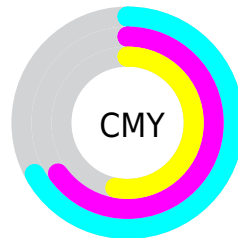


Cyan (30%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2130, 13.6990, -7.2028 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 91.2130, 13.6990, -7.2028 by changing the saturation by 10% instead.

■ 91.2130, 13.6990,
-7.2028

■ 91.2130, 13.6990,
-7.2028

■ 255.0000, 0.0000,
0.0000

■ 67.6860, 12.9728,
-7.6176

■ 141.4410, 14.5726,
-7.4028

■ 45.1590, 12.2466,
-8.0324

■ 167.9680, 15.2988,
-6.9879

■ 23.7460, 11.9572,
-8.5472

■ 195.0820, 15.7356,
-7.0879

■ 3.6650, 11.5042,
-3.2142

■ 223.0820, 15.7356,
-7.0879

■ 0.0000, 0.0000,
0.0000

■ 248.4770, 3.2158,
-4.8033

■ 91.2130, 13.6990,
-7.2028

■ 91.2130, 13.6990,
-7.2028

■ 81.7550, 18.3618,
-9.4321

■ 100.6710, 9.0362,
-4.9735

■ 72.8840, 22.7352,
-12.1763

■ 109.5420, 4.6628,
-2.2293

■ 63.4260, 27.3980,
-14.4056

■ 119.0000, 0.0000,
0.0000

■ 54.5550, 31.7714,
-17.1497

■ 127.8710, -4.3734,
2.7441

■ 45.0970, 36.4342,
-19.3791

■ 137.0300, -8.8888,
4.3587

■ 35.9380, 40.9496,
-20.9936

■ 146.4880,
-13.5516, 6.5880

■ 27.0670, 45.3230,
-23.7378

■ 155.3590,
-17.9250, 9.3322

■ 164.8170,

-22.5878, 11.5615

 173.6880,
-26.9612, 14.3056

Harmonies

Analogous

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



87.8690, 15.3476, -22.6871



91.2130, 13.6990, -7.2028



93.1610, 9.2876, 7.7518

Triad

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



91.2130, 13.6990, -7.2028



92.0970, -10.4008, 22.7169



85.8140, -1.3873, -21.7619

Complementary

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



91.2130, 13.6990, -7.2028



110.7870, -13.6990, 7.2028

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.



87.6540, -8.7034, -8.4666



91.2130, 13.6990, -7.2028



91.1300, -13.8681, 14.7950

Square

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



91.2130, 13.6990, -7.2028



93.0030, -4.4385, 23.6764



89.2920, -12.9620, 4.1289



83.9360, 6.9336, -30.6389

Rectangle

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



91.2130, 13.6990, -7.2028



93.4780, 5.1873, 16.2438



89.2920, -12.9620, 4.1289



86.4510, -4.1663, -17.0585

Sweetspot

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



91.2130, 13.6990, -7.2028



144.7700, 5.5364, -2.4293



107.4380, 2.2491, -21.4321



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.



91.2130, 13.6990, -7.2028



112.2540, 21.5668, -10.7468



90.3930, 14.1033, 3.1633



54.2710, 2.3314, -1.1147



27.9960, 46.3440, -24.5525



57.2630, 95.0193, -50.2197

Inverse Universe

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



94.5620, -2.2491, 21.4321



117.8840, -3.8868, 33.4277



111.6070, -14.1033, -3.1633



54.9080, -0.4476, 3.5887



39.2140, -7.5005, 72.6033



80.3360, -15.4486, 148.7953

Previews

White Background



This preview shows how the YUV color 91.2130, 13.6990, -7.2028 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 91.2130, 13.6990, -7.2028 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

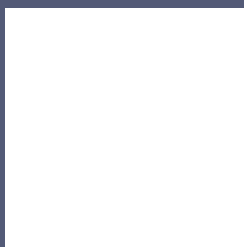
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.2130, 13.6990, -7.2028

Background



This preview shows how black text looks on a background with the YUV color 91.2130, 13.6990, -7.2028.

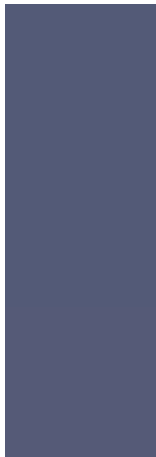


This preview shows how white text looks on a background with the YUV color 91.2130, 13.6990,

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

91.2130, 13.6990, -7.2028

Protanopia

91.2130, 13.6990, -7.2028

Deuteranopia

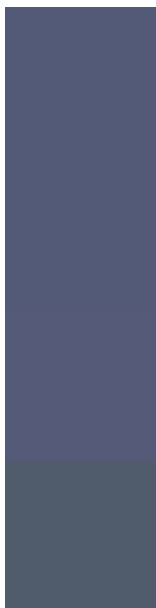
91.8110, 13.4042, -5.9732



Tritanopia

89.7260, 5.5581, -9.4067

Trichromacy



Original Color

91.2130, 13.6990, -7.2028

Protanomaly

91.2130, 13.6990, -7.2028

Deuteranomaly

91.5120, 13.5516, -6.5880

Tritanomaly

90.2360, 8.7577, -8.9770

Monochromacy



Original Color

91.2130, 13.6990, -7.2028

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2130, 13.6990, -7.2028 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(83, 90, 119)` looks like.

```
.text, #text, p{  
    color:rgb(83, 90, 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(83, 90, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 90, 119) }
```

Border

The CSS property to change the border of an element to YUV 91.2130, 13.6990, -7.2028 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(83, 90, 119) }
```


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

```
.border{ border-color:rgb(83, 90, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 90, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 90, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 90, 119);  
box-shadow:4px 4px 4px 4px rgb(83, 90,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 91.2130, 13.6990, -7.2028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 90, 119) }
```

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

```
.background{ background-color: rgb(83, 90,  
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](#).

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