

Converting Colors

YUV(128.5720, 12.5360,
-7.5176)

Have a look what the booklet for
YUV(128.5720, 12.5360, -7.5176)
contains.

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Color

**YUV(128.5720, 12.5360,
-7.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	78809A
RGB	120, 128, 154
RGB Percent	47%, 50%, 60%
CMY	0.5294, 0.4980, 0.3961
CMYK	0.22, 0.17, 0.00, 0.40
HSL	226°, 14%, 54%
HSV	226°, 22%, 60%
XYZ	21.2976, 21.7645, 33.6503
YIQ	128.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

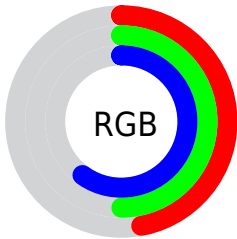
Format	Color
R_{YB}	120, 126, 154
Decimal	7897242
CIE Lab	53.78, 2.93, -14.92
CIE LCh	54, 15.201, 281.125
Yxy	21.7645, 0.2776, 0.2837
Android (android.graphics.Color)	4286087322 (0xFF78809A)
YUV	128.5720, 12.5360, -7.5176
Hunter-Lab	46.6524, -0.1535, -10.1090

Details

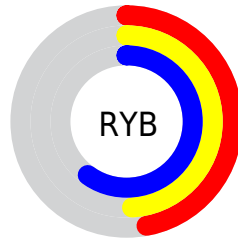
The YUV color **128.5720, 12.5360, -7.5176** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **145.4280, -12.5360, 7.5176**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6860, 12.9728, -7.6176**, and **79.3440, 11.6624, -7.3177** is the 20% darker color. If you saturate the color by 10%, you get **117.0430, 18.2198, -10.5617**, and if you desaturate by 10%, it is **140.1010, 6.8522, -4.4736**.

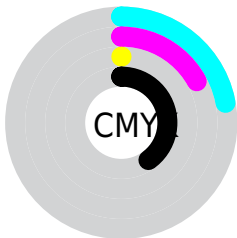
Distribution



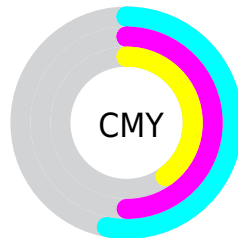
- Red (47%)
- Green (50%)
- Blue (60%)



- Red (47%)
- Yellow (49%)
- Blue (60%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)



- Cyan (53%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5720, 12.5360, -7.5176 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 128.5720, 12.5360, -7.5176 by changing the saturation by 10% instead.

■ 128.5720, 12.5360,
-7.5176

■ 128.5720, 12.5360,
-7.5176

■ 255.0000, 0.0000,
0.0000

■ 103.4580, 12.0992,
-7.4177

■ 181.6860, 12.9728,
-7.6176

■ 79.3440, 11.6624,
-7.3177

■ 208.9140, 13.8464,
-7.8176

■ 56.2300, 11.2256,
-7.2177

■ 235.7740, 9.4784,
-6.8178

■ 34.4040, 10.6468,
-8.2473

■ 12.4040, 10.6468,
-8.2473

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 128.5720, 12.5360,
-7.5176

■ 128.5720, 12.5360,
-7.5176

■ 117.0430, 18.2198,
-10.5617

■ 140.1010, 6.8522,
-4.4736

■ 105.2150, 24.0510,
-14.2206

■ 151.9290, 1.0210,
-0.8147

■ 94.2730, 29.4454,
-17.7794

■ 162.8710, -4.3734,
2.7441

■ 82.4450, 35.2766,
-21.4383

■ 174.6990,
-10.2046, 6.4030

■ 70.9160, 40.9604,
-24.4823

■ 186.2280,
-15.8884, 9.4470

■ 59.3870, 46.6442,
-27.5264

■ 197.7570,
-21.5722, 12.4911

■ 48.1460, 52.1860,
-31.7000

■ 208.9980,
-27.1140, 16.6648

■ 38.6880, 56.8488,
-33.9294

■ 220.5270,
-32.7978, 19.7088

■ 231.1590,
-38.0394, 20.9086

Harmonies

Analogous

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



126.0220, 13.3002, -19.3133



128.5720, 12.5360, -7.5176



130.6230, 8.5669, 5.5926

Triad

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



128.5720, 12.5360, -7.5176



129.8410, -8.7956, 21.1874



124.3200, -2.1298, -16.9436

Complementary

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



128.5720, 12.5360, -7.5176



145.4280, -12.5360, 7.5176

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.



126.0780, -8.4195, -6.2074



128.5720, 12.5360, -7.5176



128.8850, -12.2683, 15.0099

Square

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



128.5720, 12.5360, -7.5176



130.6330, -3.2701, 22.2469



127.5310, -12.0938, 5.6733



123.3990, 4.7333, -24.9059

Rectangle

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



128.5720, 12.5360, -7.5176



130.7550, 5.0508, 13.3699



127.5310, -12.0938, 5.6733



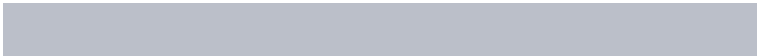
124.9460, -4.9034, -13.9846

Sweetspot

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



128.5720, 12.5360, -7.5176



190.9440, 4.9576, -3.4589



142.9220, 1.5175, -20.1026



96.0860, 2.9156, -1.8294



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



128.5720, 12.5360, -7.5176



161.9720, 19.2408, -11.3764



126.5670, 13.5245, 2.1337



71.0860, 2.9156, -1.8294



35.3310, 51.6018, -30.9853



3.2430, 4.8102, -2.8441

Inverse Universe

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



131.0780, -1.5175, 20.1026



165.9160, -2.4236, 30.7687



147.7320, -13.6719, -1.5190



71.6200, -0.3057, 4.7183



45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 128.5720, 12.5360, -7.5176 looks on a white 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

Black Background



This preview shows how the YUV color 128.5720, 12.5360, -7.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

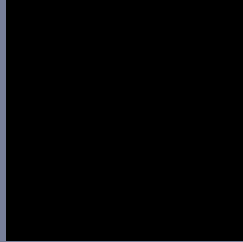
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

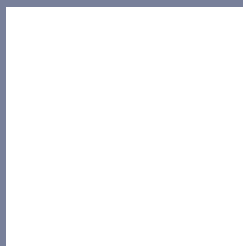
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 128.5720, 12.5360, -7.5176

Background



This preview shows how black text looks on a background with the YUV color 128.5720, 12.5360, -7.5176.



This preview shows how white text looks on a background with the YUV color 128.5720, 12.5360, -7.5176.

-7.5176.

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

128.5720, 12.5360, -7.5176

Protanopia

128.7680, 11.9464, -5.0585

Deuteranopia

129.9040, 12.3723, -1.6698



Tritanopia

127.3670, 6.7211, -9.0919

Trichromacy



Original Color

128.5720, 12.5360, -7.5176

Protanomaly

128.4690, 12.0938, -5.6733

Deuteranomaly

129.5940, 12.5252, -4.0289

Tritanomaly

127.6490, 9.0470, -8.4622

Monochromacy



Original Color

128.5720, 12.5360, -7.5176

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5720, 12.5360, -7.5176 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(120, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(120, 128, 154)  
}
```

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(120, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 128, 154) }
```

Border

The CSS property to change the border of an element to YUV 128.5720, 12.5360, -7.5176 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(120, 128, 154) }
```


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

```
.border{ border-color:rgb(120, 128, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 128, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 128, 154);  
box-shadow:4px 4px 4px 4px rgb(120, 128,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 128.5720, 12.5360, -7.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 128, 154) }
```

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

```
.background{ background-color: rgb(120,  
128, 154) }
```

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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