

Converting Colors

YUV(127.5840, 4.1491,
-24.1912)

Have a look what the booklet for
YUV(127.5840, 4.1491, -24.1912)
contains.

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Color

**YUV(127.5840, 4.1491,
-24.1912)**

Conversions

Conversions Part 1

Format	Color
Hex	648C88
RGB	100, 140, 136
RGB Percent	39%, 55%, 53%
CMY	0.6078, 0.4510, 0.4667
CMYK	0.29, 0.00, 0.03, 0.45
HSL	174°, 17%, 47%
HSV	174°, 29%, 55%
XYZ	19.0775, 23.2431, 26.7734
YIQ	127.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

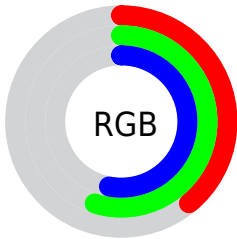
Format	Color
R_{YB}	100, 121, 140
Decimal	6589576
CIE _{Lab}	55.32, -14.67, -2.33
CIE _{LCh}	55, 14.855, 189.022
Y _{xy}	23.2431, 0.2761, 0.3364
Android (android.graphics.Color)	4284779656 (0xFF648C88)
YUV	127.5840, 4.1491, -24.1912
Hunter-Lab	48.2111, -13.7353, 0.8218

Details

The YUV color $127.5840, 4.1491, -24.1912$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $112.4160, -4.1491, 24.1912$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.8720, 4.0071, -25.3207$, and $77.8830, 4.0017, -23.5764$ is the 20% darker color. If you saturate the color by 10%, you get $123.2840, 5.7760, -32.6981$, and if you desaturate by 10%, it is $131.8840, 2.5222, -15.6843$.

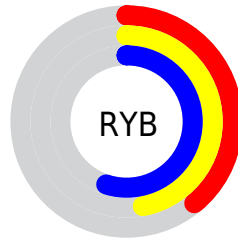
Distribution



Red (39%)

Green (55%)

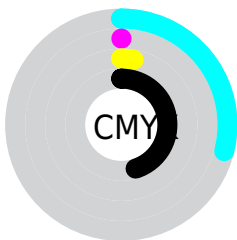
Blue (53%)



Red (39%)

Yellow (47%)

Blue (55%)

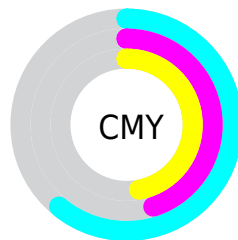


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5840, 4.1491, -24.1912 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 127.5840, 4.1491, -24.1912 by changing the saturation by 10% instead.

■ 127.5840, 4.1491,
-24.1912

■ 127.5840, 4.1491,
-24.1912

■ 255.0000, 0.0000,
0.0000

■ 101.9970, 4.4385,
-23.6764

■ 180.8720, 4.0071,
-25.3207

■ 77.8830, 4.0017,
-23.5764

■ 208.5730, 4.1545,
-25.9355

■ 53.9970, 4.4385,
-23.6764

■ 236.5730, 4.1545,
-25.9355

■ 31.1000, 4.8807,
-25.5207

■ 249.0200, 2.9481,
-12.2955

■ 17.0690, 1.9380,
-14.9695

■ 0.0000, 0.0000,
0.0000

■ 127.5840, 4.1491,
-24.1912

■ 127.5840, 4.1491,
-24.1912

■ 123.2840, 5.7760,
-32.6981

■ 131.8840, 2.5222,
-15.6843

■ 118.8700, 6.9661,
-41.1050

■ 136.2980, 1.3321,
-7.2773

■ 114.5700, 8.5930,
-49.6119

■ 140.5980, -0.2948,
1.2296

■ 110.1560, 9.7831,
-58.0188

■ 145.0120, -1.4849,
9.6365

■ 105.8560, 11.4100,
-66.5257

■ 149.3120, -3.1118,
18.1434

■ 101.5560, 13.0369,
-75.0326

■ 153.6120, -4.7387,
26.6503

■ 97.1420, 14.2270,
-83.4395

■ 158.0260, -5.9288,
35.0572

■ 96.5440, 14.5218,

■ 162.3260, -7.5557,

-84.6691

43.5641

 166.7400, -8.7458,
51.9710

Harmonies

Analogous

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



128.5050, -2.7140, -16.2289



127.5840, 4.1491, -24.1912



128.0660, 9.8275, -25.4909

Triad

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



127.5840, 4.1491, -24.1912



134.3240, 8.7143, 4.9779



133.2980, -11.9789, 15.5247

Complementary

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



127.5840, 4.1491, -24.1912



112.4160, -4.1491, 24.1912

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.



133.9550, -8.3588, 21.0875



127.5840, 4.1491, -24.1912



135.3100, 3.2982, 15.5141

Square

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



127.5840, 4.1491, -24.1912



132.2730, 12.6834, -8.1324



134.4480, -2.6859, 21.5321



131.8300, -12.2412, 6.2881

Rectangle

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



127.5840, 4.1491, -24.1912



128.7720, 12.4374, -22.6020



134.4480, -2.6859, 21.5321



133.2490, -10.9688, 18.1986

Sweetspot

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



127.5840, 4.1491, -24.1912



175.9880, 1.4849, -9.6365



124.6760, -12.1653, -18.1329



88.8960, 1.0373, -6.0478



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



127.5840, 4.1491, -24.1912



161.7780, 6.5184, -37.5163



119.2350, 10.2371, -16.8691



66.7930, 0.5951, -4.2035



91.6370, 13.4900, -80.3656



3.5050, 0.7370, -3.0739

Inverse Universe

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



112.4160, -4.1491, 24.1912



138.3360, -6.0816, 37.4163



121.3520, -10.5265, 16.3543



64.2070, -0.5951, 4.2035



41.2490, -13.9268, 80.4656



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 127.5840, 4.1491, -24.1912 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 127.5840, 4.1491, -24.1912 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

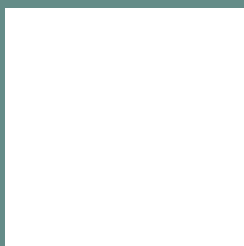
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.5840, 4.1491, -24.1912

Background



This preview shows how black text looks on a background with the YUV color 127.5840, 4.1491, -24.1912.



This preview shows how white text looks on a background with the YUV color 127.5840, 4.1491,

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

127.5840, 4.1491, -24.1912

Protanopia

132.1960, -0.5896, 2.4591

Deuteranopia

133.3260, 2.3043, 7.6071



Tritanopia

128.7890, 9.9640, -22.6170

Trichromacy



Original Color

127.5840, 4.1491, -24.1912

Protanomaly

130.2980, 1.3321, -7.2773

Deuteranomaly

131.0750, 2.9210, -3.5738

Tritanomaly

128.5070, 7.6380, -23.2466

Monochromacy



Original Color

127.5840, 4.1491, -24.1912

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.7000, 1.6269, -8.5069

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5840, 4.1491, -24.1912 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(100, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 136)  
}
```

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(100, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 136) }
```

Border

The CSS property to change the border of an element to YUV 127.5840, 4.1491, -24.1912 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(100, 140, 136) }
```


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

```
.border{ border-color:rgb(100, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(100, 140,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 127.5840, 4.1491, -24.1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 136) }
```

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

```
.background{ background-color: rgb(100,  
140, 136) }
```

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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