

Converting Colors

YUV(112.4140, 8.6699,
-27.5501)

Have a look what the booklet for
YUV(112.4140, 8.6699, -27.5501)
contains.

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Color

**YUV(112.4140, 8.6699,
-27.5501)**

Conversions

Conversions Part 1

Format	Color
Hex	517D82
RGB	81, 125, 130
RGB Percent	32%, 49%, 51%
CMY	0.6824, 0.5098, 0.4902
CMYK	0.38, 0.04, 0.00, 0.49
HSL	186°, 23%, 41%
HSV	186°, 38%, 51%
XYZ	14.7562, 18.0283, 23.8212
YIQ	112.4140, -27.8290, -7.7730

Conversions

Conversions Part 2

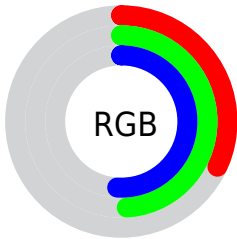
Format	Color
R _Y B	81, 104, 130
Decimal	5340546
CIE Lab	49.53, -13.73, -7.53
CIE LCh	50, 15.658, 208.740
Yxy	18.0283, 0.2607, 0.3185
Android (android.graphics.Color)	4283530626 (0xFF517D82)
YUV	112.4140, 8.6699, -27.5501
Hunter-Lab	42.4597, -12.2696, -3.5417

Details

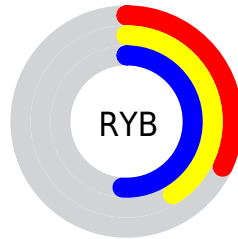
The YUV color **112.4140, 8.6699, -27.5501** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **98.5860, -8.6699, 27.5501**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1150, 8.8173, -28.1649**, and **63.1150, 8.8173, -28.1649** is the 20% darker color. If you saturate the color by 10%, you get **107.9400, 10.8756, -35.0274**, and if you desaturate by 10%, it is **116.8880, 6.4642, -20.0728**.

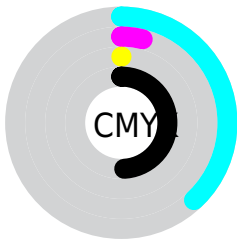
Distribution



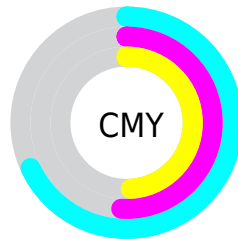
- Red (32%)
- Green (49%)
- Blue (51%)



- Red (32%)
- Yellow (41%)
- Blue (51%)



- Cyan (38%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (68%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4140, 8.6699, -27.5501 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 112.4140, 8.6699, -27.5501 by changing the saturation by 10% instead.

■ 112.4140, 8.6699,
-27.5501

■ 112.4140, 8.6699,
-27.5501

■ 255.0000, 0.0000,
0.0000

■ 87.4140, 8.6699,
-27.5501

■ 165.1150, 8.8173,
-28.1649

■ 63.1150, 8.8173,
-28.1649

■ 191.8160, 8.9647,
-28.7796

■ 38.3210, 9.7017,
-31.8535

■ 219.9300, 9.4015,
-28.8796

■ 22.8880, 6.4642,
-20.0728

■ 243.0400, 5.8963,
-24.5911

■ 2.2970, 6.2626,
-2.0145

■ 251.7110, 1.6215,
-6.7625

■ 0.0000, 0.0000,
0.0000

■ 112.4140, 8.6699,
-27.5501

■ 112.4140, 8.6699,
-27.5501

■ 107.9400, 10.8756,
-35.0274

■ 116.8880, 6.4642,
-20.0728

■ 102.8790, 13.3707,
-41.9899

■ 121.9490, 3.9691,
-13.1103

■ 98.4050, 15.5763,
-49.4672

■ 126.4230, 1.7635,
-5.6330

■ 93.9310, 17.7820,
-56.9445

■ 130.8970, -0.4422,
1.8443

■ 88.8700, 20.2771,
-63.9070

■ 135.9580, -2.9373,
8.8068

■ 84.3960, 22.4828,
-71.3843

■ 140.4320, -5.1430,
16.2841

■ 83.4990, 22.9250,
-73.2286

■ 144.9060, -7.3487,
23.7614

■ 149.9670, -9.8437,

30.7239

■ 154.4410,
-12.0494, 38.2012

Harmonies

Analogous

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



112.4270, 2.2545, -23.1765



112.4140, 8.6699, -27.5501



114.1740, 12.7322, -23.8316

Triad

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



112.4140, 8.6699, -27.5501



120.5700, 5.6350, 12.6551



117.3250, -12.9782, 9.3620

Complementary

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



112.4140, 8.6699, -27.5501



98.5860, -8.6699, 27.5501

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.



118.5480, -11.1162, 18.8134



112.4140, 8.6699, -27.5501



120.0180, -0.5019, 21.0322

Square

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



112.4140, 8.6699, -27.5501



119.1600, 10.7671, -0.1403



119.4220, -6.6170, 22.4319



115.8290, -10.7617, -1.6040

Rectangle

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



112.4140, 8.6699, -27.5501



115.4460, 13.5841, -17.0541



119.4220, -6.6170, 22.4319



117.7600, -12.6997, 13.3655

Sweetspot

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



112.4140, 8.6699, -27.5501



161.4440, 3.2321, -10.0364



110.3330, -11.9962, -25.7250



80.1240, 1.9109, -6.2477



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



112.4140, 8.6699, -27.5501



141.4660, 13.0813, -42.5047



98.3260, 15.6153, -15.1949



61.3200, 1.3212, -3.7886



81.5100, 22.9196, -71.4843



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.6670, 11.9962, 25.7250



123.1770, 18.6467, 39.3098



112.6740, -15.6153, 15.1949



59.7770, 1.5889, 3.7036



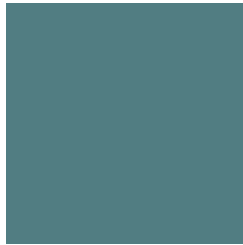
51.2680, 30.9269, 67.2940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 112.4140, 8.6699, -27.5501 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 112.4140, 8.6699, -27.5501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

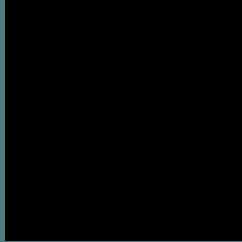
Any Text WCAG AA ✓ Pass

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 112.4140, 8.6699, -27.5501 Background



This preview shows how black text looks on a background with the YUV color 112.4140, 8.6699, -27.5501.



This preview shows how white text looks on a background with the YUV color 112.4140, 8.6699,

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

112.4140, 8.6699, -27.5501

Protanopia

117.9120, 3.4944, -0.7998

Deuteranopia

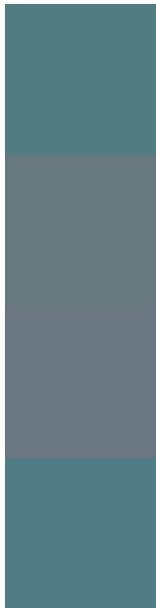
118.4440, 6.6831, 3.1186



Tritanopia

112.5820, 10.5591, -26.8204

Trichromacy



Original Color

112.4140, 8.6699, -27.5501

Protanomaly

116.0140, 5.4161, -10.5363

Deuteranomaly

116.1930, 7.2999, -8.0623

Tritanomaly

112.4680, 10.1223, -26.7204

Monochromacy



Original Color

112.4140, 8.6699, -27.5501

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.4440, 3.2321, -10.0364

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4140, 8.6699, -27.5501 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(81, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(81, 125, 130)  
}
```

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(81, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 125, 130) }
```

Border

The CSS property to change the border of an element to YUV 112.4140, 8.6699, -27.5501 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(81, 125, 130) }
```


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

```
.border{ border-color:rgb(81, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(81, 125,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 112.4140, 8.6699, -27.5501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 125, 130) }
```

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

```
.background{ background-color: rgb(81, 125,  
130) }
```

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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