

Converting Colors

YUV(113.7040, 2.1179,
-26.0504)

Have a look what the booklet for
YUV(113.7040, 2.1179, -26.0504)
contains.

YUV(113.7040, 2.1179, -26.0504)	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(113.7040, 2.1179,
-26.0504)**

Conversions

Conversions Part 1

Format	Color
Hex	548076
RGB	84, 128, 118
RGB Percent	33%, 50%, 46%
CMY	0.6706, 0.4980, 0.5373
CMYK	0.34, 0.00, 0.08, 0.50
HSL	166°, 21%, 42%
HSV	166°, 34%, 50%
XYZ	14.6453, 18.6312, 19.9638
YIQ	113.7040, -23.0140, -12.4380

Conversions

Conversions Part 2

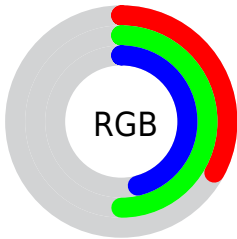
Format	Color
R_{YB}	84, 109, 128
Decimal	5537910
CIE _{Lab}	50.25, -17.52, 0.61
CIE _{LCh}	50, 17.528, 178.011
Yxy	18.6312, 0.2751, 0.3499
Android (android.graphics.Color)	4283727990 (0xFF548076)
YUV	113.7040, 2.1179, -26.0504
Hunter-Lab	43.1638, -14.9723, 2.7923

Details

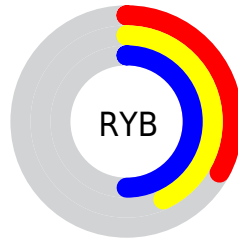
The YUV color **113.7040, 2.1179, -26.0504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98.2960, -2.1179, 26.0504**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9920, 1.9759, -27.1800**, and **64.8180, 2.5547, -26.1504** is the 20% darker color. If you saturate the color by 10%, you get **109.4750, 2.7238, -33.7426**, and if you desaturate by 10%, it is **117.9330, 1.5120, -18.3582**.

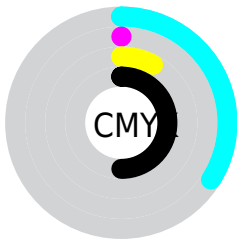
Distribution



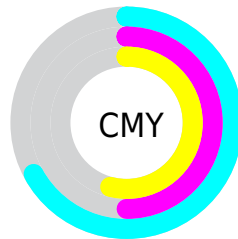
- Red (33%)
- Green (50%)
- Blue (46%)



- Red (33%)
- Yellow (43%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (8%)
- Black (50%)



- Cyan (67%)
- Magenta (50%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7040, 2.1179, -26.0504 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 113.7040, 2.1179, -26.0504 by changing the saturation by 10% instead.

■ 113.7040, 2.1179,
-26.0504

■ 113.7040, 2.1179,
-26.0504

■ 255.0000, 0.0000,
0.0000

■ 88.7040, 2.1179,
-26.0504

■ 165.9920, 1.9759,
-27.1800

■ 64.8180, 2.5547,
-26.1504

■ 193.5790, 1.6866,
-27.6948

■ 41.0350, 3.4337,
-28.0947

■ 221.2800, 1.8340,
-28.3096

■ 23.0360, 1.9543,
-20.2026

■ 243.8230, 5.0173,
-22.6468

■ 1.1740, -0.5788,
-1.0296

■ 252.3090, 1.3267,
-5.5330

■ 0.0000, 0.0000,
0.0000

■ 113.7040, 2.1179,
-26.0504

■ 113.7040, 2.1179,
-26.0504

■ 109.4750, 2.7238,
-33.7426

■ 117.9330, 1.5120,
-18.3582

■ 105.2460, 3.3297,
-41.4347

■ 122.1620, 0.9061,
-10.6661

■ 101.3160, 3.7882,
-48.5121

■ 126.0920, 0.4476,
-3.5887

■ 97.0870, 4.3941,
-56.2043

■ 130.3210, -0.1583,
4.1035

■ 92.8580, 5.0000,
-63.8965

■ 134.5500, -0.7641,
11.7957

■ 88.7430, 6.0427,
-71.6886

■ 138.6650, -1.8068,
19.5878

■ 86.4220, 6.2010,
-75.7921

■ 142.8940, -2.4127,
27.2800

■ 146.8240, -2.8712,

34.3574

■ 151.0530, -3.4771,
42.0495

Harmonies

Analogous

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



115.3050, -6.0664, -14.2995



113.7040, 2.1179, -26.0504



113.3210, 9.7017, -31.8535

Triad

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



113.7040, 2.1179, -26.0504



120.9150, 12.3669, 0.0745



120.2170, -12.4320, 20.8577

Complementary

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



113.7040, 2.1179, -26.0504



98.2960, -2.1179, 26.0504

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.



121.5040, -7.6435, 24.9910



113.7040, 2.1179, -26.0504



121.9230, 6.9400, 14.0995

Square

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



113.7040, 2.1179, -26.0504



117.9130, 15.3259, -15.7097



122.0290, -0.5073, 22.7766



118.9940, -14.2940, 11.4063

Rectangle

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



113.7040, 2.1179, -26.0504



113.9560, 13.3327, -29.7794



122.0290, -0.5073, 22.7766



120.8690, -11.2744, 22.9169

Sweetspot

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



113.7040, 2.1179, -26.0504



160.4610, 0.7587, -10.0513



112.8180, -14.2073, -16.5034



80.7820, 0.6005, -5.9478



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.



113.7040, 2.1179, -26.0504



143.8440, 3.0349, -40.2052



107.8000, 9.9586, -20.8726



61.6790, 0.1583, -4.1035



86.4220, 6.2010, -75.7921



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.2960, -2.1179, 26.0504



120.0420, -3.4717, 40.3052



104.2000, -9.9586, 20.8726



59.3210, -0.1583, 4.1035



41.5780, -6.2010, 75.7921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.7040, 2.1179, -26.0504 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 113.7040, 2.1179, -26.0504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

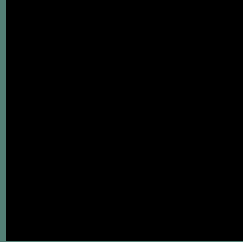
Any Text WCAG AA ✓ Pass

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 113.7040, 2.1179, -26.0504 Background



This preview shows how black text looks on a background with the YUV color 113.7040, 2.1179, -26.0504.



This preview shows how white text looks on a background with the YUV color 113.7040, 2.1179, -26.0504.

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

113.7040, 2.1179, -26.0504

Protanopia

119.5120, -3.2104, 3.0590

Deuteranopia

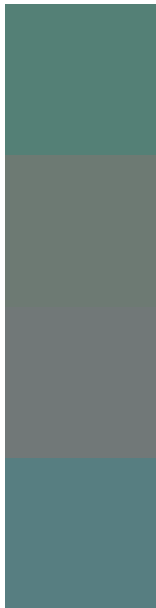
120.1690, 0.4097, 8.6218



Tritanopia

115.0770, 9.8220, -23.7465

Trichromacy



Original Color

113.7040, 2.1179, -26.0504

Protanomaly

117.3150, -1.1413, -7.2923

Deuteranomaly

117.9070, 1.0318, -4.3034

Tritanomaly

114.6810, 7.0593, -24.2762

Monochromacy



Original Color

113.7040, 2.1179, -26.0504

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7600, 0.6113, -9.4365

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7040, 2.1179, -26.0504 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, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(84, 128, 118)  
}
```

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, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 128, 118) }
```

Border

The CSS property to change the border of an element to YUV 113.7040, 2.1179, -26.0504 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, 128, 118) }
```


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

```
.border{ border-color:rgb(84, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(84, 128,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 113.7040, 2.1179, -26.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 128, 118) }
```

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

```
.background{ background-color: rgb(84, 128,  
118) }
```

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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