

Converting Colors

YUV(113.0290, 5.9017,
-26.3354)

Have a look what the booklet for
YUV(113.0290, 5.9017, -26.3354)
contains.

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Color

**YUV(113.0290, 5.9017,
-26.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	537E7D
RGB	83, 126, 125
RGB Percent	33%, 49%, 49%
CMY	0.6745, 0.5059, 0.5098
CMYK	0.34, 0.00, 0.01, 0.51
HSL	179°, 21%, 41%
HSV	179°, 34%, 49%
XYZ	14.7298, 18.2414, 22.1466
YIQ	113.0290, -25.3070, -9.4270

Conversions

Conversions Part 2

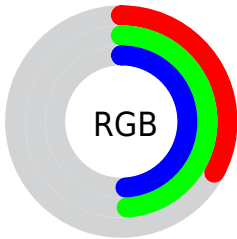
Format	Color
R_{YB}	83, 105, 126
Decimal	5471869
CIE _{Lab}	49.79, -15.00, -4.19
CIE _{LCh}	50, 15.573, 195.618
Y _{xy}	18.2414, 0.2672, 0.3310
Android (android.graphics.Color)	4283661949 (0xFF537E7D)
YUV	113.0290, 5.9017, -26.3354
Hunter-Lab	42.7099, -13.1813, -0.8470

Details

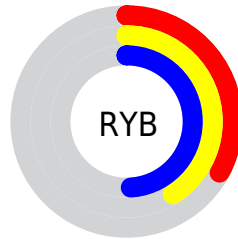
The YUV color **113.0290, 5.9017, -26.3354** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **95.9710, -5.9017, 26.3354**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4310, 6.1965, -27.5650**, and **64.0290, 5.9017, -26.3354** is the 20% darker color. If you saturate the color by 10%, you get **109.1420, 7.8180, -34.3275**, and if you desaturate by 10%, it is **116.9160, 3.9854, -18.3433**.

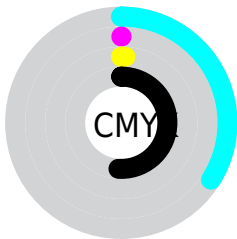
Distribution



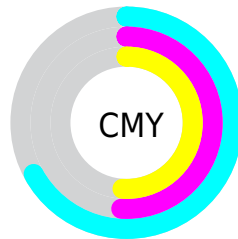
- Red (33%)
- Green (49%)
- Blue (49%)



- Red (33%)
- Yellow (41%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (1%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.0290, 5.9017, -26.3354 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 113.0290, 5.9017, -26.3354 by changing the saturation by 10% instead.

■ 113.0290, 5.9017,
-26.3354

■ 113.0290, 5.9017,
-26.3354

■ 255.0000, 0.0000,
0.0000

■ 88.0290, 5.9017,
-26.3354

■ 165.4310, 6.1965,
-27.5650

■ 64.0290, 5.9017,
-26.3354

■ 192.4310, 6.1965,
-27.5650

■ 39.9470, 6.9281,
-28.8945

■ 221.0180, 5.9071,
-28.0798

■ 23.0190, 4.4276,
-20.1877

■ 243.6380, 5.6015,
-23.3615

■ 1.0260, 3.9312,
-0.8998

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 113.0290, 5.9017,
-26.3354

■ 113.0290, 5.9017,
-26.3354

■ 109.1420, 7.8180,
-34.3275

■ 116.9160, 3.9854,
-18.3433

■ 105.4400, 9.1501,
-41.6049

■ 120.6180, 2.6533,
-11.0660

■ 101.5530, 11.0664,
-49.5970

■ 124.5050, 0.7370,
-3.0739

■ 97.9650, 12.8353,
-56.9743

■ 128.0930, -1.0318,
4.3034

■ 94.0780, 14.7515,
-64.9664

■ 131.9800, -2.9481,
12.2955

■ 90.0770, 16.2310,
-72.8585

■ 135.9810, -4.4276,
20.1877

■ 87.9840, 17.2629,
-77.1620

■ 139.5690, -6.1965,
27.5650

■ 143.4560, -8.1128,

35.5571

■ 147.1580, -9.4449,
42.8344

Harmonies

Analogous

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



114.1240, -1.5401, -19.4027



113.0290, 5.9017, -26.3354



114.1090, 11.2853, -26.4056

Triad

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



113.0290, 5.9017, -26.3354



120.5200, 8.1246, 7.4370



118.1730, -12.4103, 13.8803

Complementary

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



113.0290, 5.9017, -26.3354



95.9710, -5.9017, 26.3354

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.



119.3140, -9.5218, 20.7726



113.0290, 5.9017, -26.3354



120.9790, 1.9824, 17.5584

Square

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



113.0290, 5.9017, -26.3354



118.5830, 12.5306, -5.7733



120.4050, -4.1437, 22.4468



117.2210, -11.9410, 3.3142

Rectangle

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



113.0290, 5.9017, -26.3354



115.2990, 13.1636, -22.1872



120.4050, -4.1437, 22.4468



119.0100, -11.8369, 16.6542

Sweetspot

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



113.0290, 5.9017, -26.3354



158.2160, 2.3585, -9.8364



108.5400, -12.5912, -21.5216



78.8960, 1.0373, -6.0478



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



113.0290, 5.9017, -26.3354



142.8530, 9.4395, -41.0901



101.4030, 12.1263, -16.1394



61.9070, 1.0318, -4.3034



89.3860, 17.5577, -78.3915



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.9710, -5.9017, 26.3354



116.2610, -9.0027, 40.9901



107.5970, -12.1263, 16.1394



59.2070, -0.5951, 4.2035



38.6140, -17.5577, 78.3915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 113.0290, 5.9017, -26.3354 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 113.0290, 5.9017, -26.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

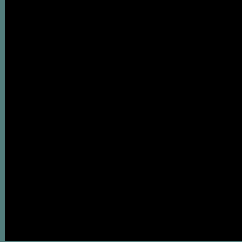
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

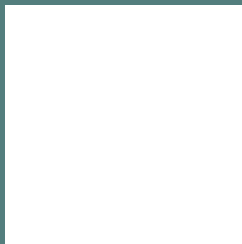
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 113.0290, 5.9017, -26.3354

Background



This preview shows how black text looks on a background with the YUV color 113.0290, 5.9017, -26.3354.



This preview shows how white text looks on a background with the YUV color 113.0290, 5.9017,

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

113.0290, 5.9017, -26.3354

Protanopia

117.9400, 1.0156, 0.9296

Deuteranopia

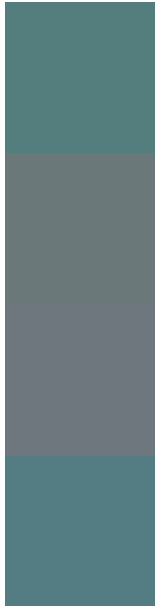
119.3580, 3.7675, 4.9480



Tritanopia

114.1800, 10.2643, -25.5909

Trichromacy



Original Color

113.0290, 5.9017, -26.3354

Protanomaly

116.0420, 2.9373, -8.8068

Deuteranomaly

117.1070, 4.3842, -6.2328

Tritanomaly

113.4250, 8.6645, -25.8057

Monochromacy



Original Color

113.0290, 5.9017, -26.3354

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.0290, 5.9017, -26.3354 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, 126, 125)` looks like.

```
.text, #text, p{  
    color:rgb(83, 126, 125)  
}
```

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, 126, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 126, 125) }
```

Border

The CSS property to change the border of an element to YUV 113.0290, 5.9017, -26.3354 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, 126, 125) }
```


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

```
.border{ border-color:rgb(83, 126, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 126, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 126, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 126, 125);  
box-shadow:4px 4px 4px 4px rgb(83, 126,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 113.0290, 5.9017, -26.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 126, 125) }
```

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

```
.background{ background-color: rgb(83, 126,  
125) }
```

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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