

Converting Colors

YUV(111.1880, 1.3863,
-24.7209)

Have a look what the booklet for
YUV(111.1880, 1.3863, -24.7209)
contains.

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Color

**YUV(111.1880, 1.3863,
-24.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	537D72
RGB	83, 125, 114
RGB Percent	33%, 49%, 45%
CMY	0.6745, 0.5098, 0.5529
CMYK	0.34, 0.00, 0.09, 0.51
HSL	164°, 20%, 41%
HSV	164°, 34%, 49%
XYZ	13.9382, 17.7211, 18.6055
YIQ	111.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

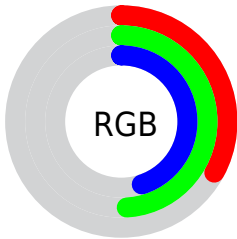
Format	Color
R_{YB}	83, 107, 125
Decimal	5471602
CIE _{Lab}	49.16, -17.18, 1.35
CIE _{LCh}	49, 17.230, 175.489
Yxy	17.7211, 0.2773, 0.3526
Android (android.graphics.Color)	4283661682 (0xFF537D72)
YUV	111.1880, 1.3863, -24.7209
Hunter-Lab	42.0965, -14.5674, 3.2630

Details

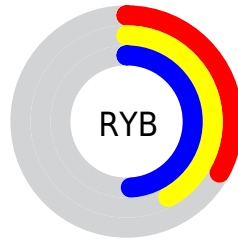
The YUV color **111.1880, 1.3863, -24.7209** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **96.8120, -1.3863, 24.7209**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4760, 1.2443, -25.8505**, and **62.6010, 1.6757, -24.2061** is the 20% darker color. If you saturate the color by 10%, you get **107.2580, 1.8448, -31.7983**, and if you desaturate by 10%, it is **115.4170, 0.7804, -17.0287**.

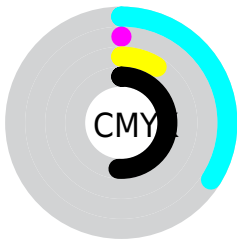
Distribution



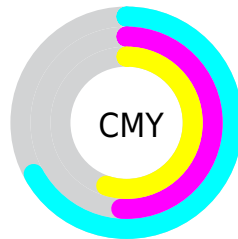
- Red (33%)
- Green (49%)
- Blue (45%)



- Red (33%)
- Yellow (42%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (51%)



- Cyan (67%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1880, 1.3863, -24.7209 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 111.1880, 1.3863, -24.7209 by changing the saturation by 10% instead.

■ 111.1880, 1.3863,
-24.7209

■ 111.1880, 1.3863,
-24.7209

■ 255.0000, 0.0000,
0.0000

■ 86.6010, 1.6757,
-24.2061

■ 163.4760, 1.2443,
-25.8505

■ 62.6010, 1.6757,
-24.2061

■ 190.4760, 1.2443,
-25.8505

■ 38.8180, 2.5547,
-26.1504

■ 218.7640, 1.1023,
-26.9800

■ 21.5200, 1.2226,
-18.8730

■ 242.6550, 3.1281,
-23.3764

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,
-6.1478

■ 111.1880, 1.3863,
-24.7209

■ 111.1880, 1.3863,
-24.7209

■ 107.2580, 1.8448,
-31.7983

■ 115.4170, 0.7804,
-17.0287

■ 102.9150, 2.0139,
-39.3905

■ 119.4610, 0.7587,
-10.0513

■ 98.9850, 2.4724,
-46.4678

■ 123.6900, 0.1528,
-2.3591

■ 94.7560, 3.0783,
-54.1600

■ 127.6200, -0.3057,
4.7183

■ 90.8260, 3.5368,
-61.2374

■ 131.8490, -0.9116,
12.4104

■ 86.4830, 3.7059,
-68.8296

■ 135.8930, -0.9332,
19.3878

■ 83.8630, 4.0115,
-73.5479

■ 140.1220, -1.5391,
27.0800

■ 144.0520, -1.9976,

34.1574

■ 147.9820, -2.4561,
41.2348

Harmonies

Analogous

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



112.9030, -6.3612, -13.0699



111.1880, 1.3863, -24.7209



110.5060, 9.1175, -31.1388

Triad

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



111.1880, 1.3863, -24.7209



117.9040, 12.3723, -1.6698



117.3310, -11.9952, 20.7577

Complementary

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



111.1880, 1.3863, -24.7209



96.8120, -1.3863, 24.7209

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.



118.7320, -6.7699, 24.7910



111.1880, 1.3863, -24.7209



119.3250, 7.2348, 12.8700

Square

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



111.1880, 1.3863, -24.7209



115.2010, 15.1839, -16.8393



119.5450, 0.2243, 21.4470



116.4070, -14.0047, 11.9211

Rectangle

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



111.1880, 1.3863, -24.7209



111.4290, 12.6065, -30.1942



119.5450, 0.2243, 21.4470



118.0970, -10.4008, 22.7169

Sweetspot

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



111.1880, 1.3863, -24.7209



157.7600, 0.6113, -9.4365



110.9430, -13.7759, -14.8590



78.6680, 0.1637, -5.8478



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.



111.1880, 1.3863, -24.7209



141.6270, 2.1559, -38.2609



106.5720, 9.0850, -20.6726



61.6790, 0.1583, -4.1035



85.8520, 4.0170, -75.2922



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.8120, -1.3863, 24.7209



119.3730, -2.1559, 38.2609



101.4280, -9.0850, 20.6726



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.1880, 1.3863, -24.7209 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 111.1880, 1.3863, -24.7209 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

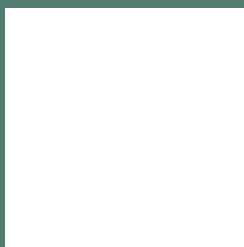
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.1880, 1.3863, -24.7209

Background



This preview shows how black text looks on a background with the YUV color 111.1880, 1.3863, -24.7209.



This preview shows how white text looks on a background with the YUV color 111.1880, 1.3863,

-24.7209.

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

111.1880, 1.3863, -24.7209

Protanopia

116.3980, -3.6472, 3.1590

Deuteranopia

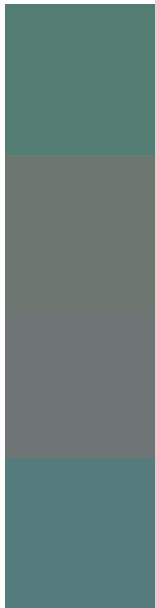
117.6420, -0.3165, 8.2070



Tritanopia

112.6750, 9.5272, -22.5170

Trichromacy



Original Color

111.1880, 1.3863, -24.7209

Protanomaly

114.5000, -1.7255, -6.5775

Deuteranomaly

115.0920, 0.4476, -3.5887

Tritanomaly

112.1650, 6.3277, -22.9467

Monochromacy



Original Color

111.1880, 1.3863, -24.7209

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1880, 1.3863, -24.7209 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, 125, 114)` looks like.

```
.text, #text, p{  
    color:rgb(83, 125, 114)  
}
```

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, 125, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 125, 114) }
```

Border

The CSS property to change the border of an element to YUV 111.1880, 1.3863, -24.7209 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, 125, 114) }
```


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

```
.border{ border-color:rgb(83, 125, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 125, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 125, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 125, 114);  
box-shadow:4px 4px 4px 4px rgb(83, 125,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 111.1880, 1.3863, -24.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 125, 114) }
```

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

```
.background{ background-color: rgb(83, 125,  
114) }
```

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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