

Converting Colors

YUV(103.9480, 5.4486,
-21.0024)

Have a look what the booklet for
YUV(103.9480, 5.4486, -21.0024)
contains.

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Color

**YUV(103.9480, 5.4486,
-21.0024)**

Conversions

Conversions Part 1

Format	Color
Hex	507273
RGB	80, 114, 115
RGB Percent	31%, 45%, 45%
CMY	0.6863, 0.5529, 0.5490
CMYK	0.30, 0.01, 0.00, 0.55
HSL	182°, 18%, 38%
HSV	182°, 30%, 45%
XYZ	12.4201, 14.9779, 18.4561
YIQ	103.9480, -20.5850, -6.8970

Conversions

Conversions Part 2

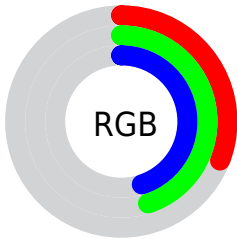
Format	Color
RYB	80, 97, 115
Decimal	5272179
CIELab	45.60, -11.81, -4.47
CIELCh	46, 12.626, 200.741
Yxy	14.9779, 0.2709, 0.3266
Android (android.graphics.Color)	4283462259 (0xFF507273)
YUV	103.9480, 5.4486, -21.0024
Hunter-Lab	38.7013, -10.4427, -1.1836

Details

The YUV color **103.9480, 5.4486, -21.0024** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91.0520, -5.4486, 21.0024**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6490, 5.5960, -21.6172**, and **56.2470, 5.3012, -20.3876** is the 20% darker color. If you saturate the color by 10%, you get **100.3600, 7.2175, -28.3797**, and if you desaturate by 10%, it is **107.5360, 3.6798, -13.6251**.

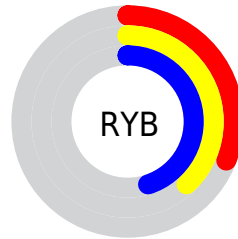
Distribution



Red (31%)

Green (45%)

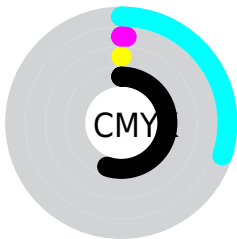
Blue (45%)



Red (31%)

Yellow (38%)

Blue (45%)

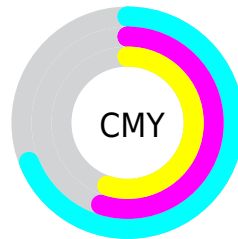


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9480, 5.4486, -21.0024 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 103.9480, 5.4486, -21.0024 by changing the saturation by 10% instead.

■ 103.9480, 5.4486,
-21.0024

■ 103.9480, 5.4486,
-21.0024

■ 255.0000, 0.0000,
0.0000

■ 79.2470, 5.3012,
-20.3876

■ 155.6490, 5.5960,
-21.6172

■ 56.2470, 5.3012,
-20.3876

■ 182.3500, 5.7435,
-22.2319

■ 33.3500, 5.7434,
-22.2320

■ 210.0510, 5.8909,
-22.8467

■ 16.8240, 3.5378,
-14.7546

■ 238.6380, 5.6015,
-23.3615

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,
-8.6069

■ 103.9480, 5.4486,
-21.0024

■ 103.9480, 5.4486,
-21.0024

■ 100.3600, 7.2175,
-28.3797

■ 107.5360, 3.6798,
-13.6251

■ 96.4840, 9.1284,
-34.6275

■ 111.4120, 1.7689,
-7.3773

■ 92.8960, 10.8973,
-42.0048

■ 114.7010, 0.1474,
-0.6148

■ 89.6070, 12.5187,
-48.7673

■ 118.2890, -1.6215,
6.7625

■ 85.4320, 14.5770,
-55.6299

■ 122.4640, -3.6798,
13.6251

■ 82.1430, 16.1985,
-62.3924

■ 125.7530, -5.3012,
20.3876

■ 78.8540, 17.8200,
-69.1550

■ 129.3410, -7.0701,
27.7649

■ 133.2170, -8.9810,

34.0127

■ 136.8050,
-10.7499, 41.3900

Harmonies

Analogous

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



104.4880, -0.2406, -16.2140



103.9480, 5.4486, -21.0024



104.9850, 9.3744, -20.1578

Triad

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



103.9480, 5.4486, -21.0024



109.8360, 5.5039, 8.0368



107.7210, -10.2155, 9.8917

Complementary

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



103.9480, 5.4486, -21.0024



91.0520, -5.4486, 21.0024

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.



108.9220, -8.3425, 15.8544



103.9480, 5.4486, -21.0024



110.0280, 0.9722, 14.8844

Square

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



103.9480, 5.4486, -21.0024



108.5080, 9.6096, -2.1995



109.6710, -4.2748, 17.8285



106.8940, -9.3147, 0.9700

Rectangle

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



103.9480, 5.4486, -21.0024



106.0610, 10.8159, -15.8395



109.6710, -4.2748, 17.8285



108.1450, -9.9315, 12.1508

Sweetspot

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



103.9480, 5.4486, -21.0024



146.1130, 1.9163, -7.9921



100.6590, -9.6919, -18.1179



73.7220, 1.6161, -5.0182



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



103.9480, 5.4486, -21.0024



132.9680, 8.3968, -33.2979



93.9690, 10.3683, -12.2508



56.6190, 1.1738, -3.1739



83.7610, 18.8518, -73.4584



171.1410, 38.8775, -150.0907

Inverse Universe

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



94.3410, 9.6919, 18.1179



117.6010, 15.4797, 28.4139



101.0310, -10.3683, 12.2508



55.3640, 1.2995, 3.1888



50.0440, 33.9953, 63.1054



102.4520, 69.2902, 129.3996

Previews

White Background



This preview shows how the YUV color 103.9480, 5.4486, -21.0024 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 103.9480, 5.4486, -21.0024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

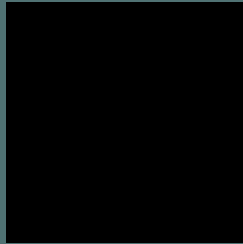
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.9480, 5.4486, -21.0024

Background



This preview shows how black text looks on a background with the YUV color 103.9480, 5.4486, -21.0024.



This preview shows how white text looks on a background with the YUV color 103.9480, 5.4486,

-21.0024.

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

103.9480, 5.4486, -21.0024

Protanopia

108.0540, 1.4524, 0.8296

Deuteranopia

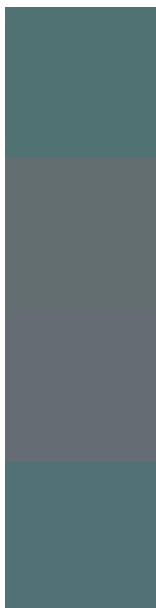
109.0590, 3.9149, 4.3333



Tritanopia

104.7570, 8.5008, -19.9579

Trichromacy



Original Color

103.9480, 5.4486, -21.0024

Protanomaly

106.6400, 2.6425, -7.5773

Deuteranomaly

107.1180, 4.3788, -4.4885

Tritanomaly

104.1160, 7.3378, -20.2727

Monochromacy



Original Color

103.9480, 5.4486, -21.0024

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1130, 1.9163, -7.9921

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9480, 5.4486, -21.0024 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(80, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(80, 114, 115)  
}
```

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(80, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 114, 115) }
```

Border

The CSS property to change the border of an element to YUV 103.9480, 5.4486, -21.0024 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(80, 114, 115) }
```


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

```
.border{ border-color:rgb(80, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(80, 114,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 103.9480, 5.4486, -21.0024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 114, 115) }
```

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

```
.background{ background-color: rgb(80, 114,  
115) }
```

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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