

Converting Colors

YUV(105.1190, -4.0027,
-22.9064)

Have a look what the booklet for
YUV(105.1190, -4.0027, -22.9064)
contains.

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Color

**YUV(105.1190, -4.0027,
-22.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7861
RGB	79, 120, 97
RGB Percent	31%, 47%, 38%
CMY	0.6902, 0.5294, 0.6196
CMYK	0.34, 0.00, 0.19, 0.53
HSL	146°, 21%, 39%
HSV	146°, 34%, 47%
XYZ	12.0986, 15.9583, 13.7519
YIQ	105.1190, -17.0530, -15.8450

Conversions

Conversions Part 2

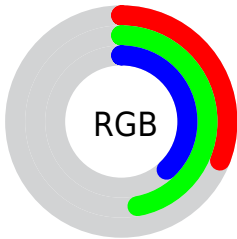
Format	Color
RYB	79, 107, 120
Decimal	5208161
CIELab	46.92, -19.69, 8.14
CIELCh	47, 21.303, 157.545
Yxy	15.9583, 0.2894, 0.3817
Android (android.graphics.Color)	4283398241 (0xFF4F7861)
YUV	105.1190, -4.0027, -22.9064
Hunter-Lab	39.9478, -15.8482, 7.5532

Details

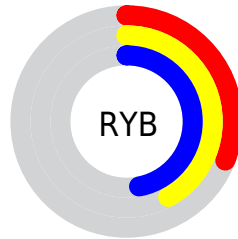
The YUV color $105.1190, -4.0027, -22.9064$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $93.8810, 4.0027, 22.9064$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.4070, -4.1447, -24.0359$, and $56.7600, -2.8397, -22.5915$ is the 20% darker color. If you saturate the color by 10%, you get $100.7330, -5.2914, -29.5838$, and if you desaturate by 10%, it is $109.5050, -2.7140, -16.2289$.

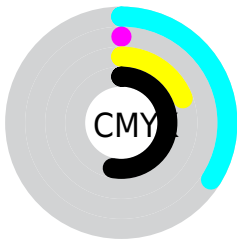
Distribution



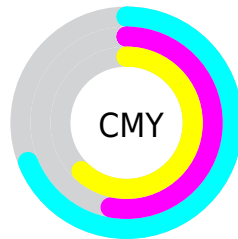
- Red (31%)
- Green (47%)
- Blue (38%)



- Red (31%)
- Yellow (42%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (69%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.1190, -4.0027, -22.9064 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 105.1190, -4.0027, -22.9064 by changing the saturation by 10% instead.

■ 105.1190, -4.0027,
-22.9064

■ 105.1190, -4.0027,
-22.9064

■ 255.0000, 0.0000,
0.0000

■ 80.5320, -3.7133,
-22.3916

■ 156.4070, -4.1447,
-24.0359

■ 56.7600, -2.8397,
-22.5915

■ 183.8800, -4.8708,
-24.4508

■ 33.6890, -1.8187,
-23.4063

■ 211.5810, -4.7234,
-25.0655

■ 17.5930, -6.2083,
-15.4291

■ 238.9940, -4.4340,
-24.5507

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,
-9.2217

■ 105.1190, -4.0027,
-22.9064

■ 105.1190, -4.0027,
-22.9064

■ 100.7330, -5.2914,
-29.5838

■ 109.5050, -2.7140,
-16.2289

■ 96.4610, -6.1433,
-36.3613

■ 113.7770, -1.8621,
-9.4514

■ 92.0750, -7.4320,
-43.0388

■ 118.1630, -0.5734,
-2.7740

■ 87.6890, -8.7207,
-49.7163

■ 122.5490, 0.7153,
3.9035

■ 83.3030, -10.0094,
-56.3937

■ 126.9350, 2.0040,
10.5810

■ 79.0310, -10.8613,
-63.1712

■ 131.2070, 2.8559,
17.3585

■ 76.4820, -11.5766,
-67.0747

■ 135.5930, 4.1447,
24.0359

■ 139.9790, 5.4334,

30.7134

■ 144.3650, 6.7221,
37.3909

Harmonies

Analogous

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



107.9270, -12.7820, -6.9520



105.1190, -4.0027, -22.9064



102.3760, 6.2236, -36.2868

Triad

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



105.1190, -4.0027, -22.9064



110.2060, 17.6464, -13.3357



112.3150, -11.0013, 28.6647

Complementary

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



105.1190, -4.0027, -22.9064



93.8810, 4.0027, 22.9064

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.



113.6770, -3.2918, 29.2243



105.1190, -4.0027, -22.9064



113.4750, 13.0768, 5.7224

Square

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



105.1190, -4.0027, -22.9064



106.0250, 18.7217, -31.5939



114.2120, 5.3185, 20.8621



111.8920, -16.2158, 21.1427

Rectangle

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



105.1190, -4.0027, -22.9064



101.9500, 12.3496, -41.1752



114.2120, 5.3185, 20.8621



113.0100, -8.3859, 29.8092

Sweetspot

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



105.1190, -4.0027, -22.9064



150.1900, -1.5727, -8.9366



109.9440, -15.2554, -6.9669



75.7390, -0.8573, -5.0331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



105.1190, -4.0027, -22.9064



132.7600, -6.2907, -35.7465



107.3990, 4.7333, -24.9059



58.8640, -0.4260, -3.3887



79.6450, -12.1500, -69.8487



160.5780, -24.4420, -140.8269

Inverse Universe

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



93.8810, 4.0027, 22.9064



115.2400, 6.2907, 35.7465



91.6010, -4.7333, 24.9059



57.2500, 0.8628, 3.2887



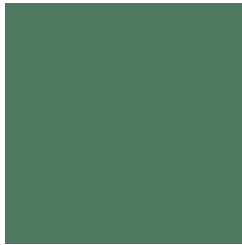
45.3550, 12.1500, 69.8487



91.5360, 24.8788, 140.7269

Previews

White Background



This preview shows how the YUV color 105.1190, -4.0027, -22.9064 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 105.1190, -4.0027, -22.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

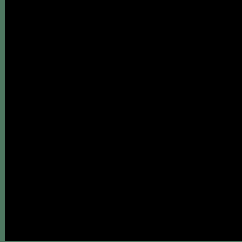
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.1190, -4.0027, -22.9064

Background



This preview shows how black text looks on a background with the YUV color 105.1190, -4.0027, -22.9064.



This preview shows how white text looks on a background with the YUV color 105.1190, -4.0027, -22.9064.

-22.9064.

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

105.1190, -4.0027, -22.9064

Protanopia

110.6280, -9.1836, 5.5882

Deuteranopia

111.8830, -5.8583, 12.3806



Tritanopia

107.7570, 8.5008, -19.9579

Trichromacy



Original Color

105.1190, -4.0027, -22.9064

Protanomaly

108.4310, -7.1145, -4.7630

Deuteranomaly

109.6210, -5.2362, -0.5446

Tritanomaly

106.6060, 4.1382, -20.7025

Monochromacy



Original Color

105.1190, -4.0027, -22.9064

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9020, -1.4307, -7.8071

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.1190, -4.0027, -22.9064 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(79, 120, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 120, 97)  
}
```

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(79, 120, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 120, 97) }
```

Border

The CSS property to change the border of an element to YUV 105.1190, -4.0027, -22.9064 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(79, 120, 97) }
```


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

```
.border{ border-color:rgb(79, 120, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 120, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 120, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 120, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 120,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 105.1190, -4.0027, -22.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 120, 97) }
```

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

```
.background{ background-color: rgb(79, 120,  
97) }
```

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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