

Converting Colors

YUV(102.2020, -9.9596,
-25.6102)

Have a look what the booklet for
YUV(102.2020, -9.9596, -25.6102)
contains.

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Color

**YUV(102.2020, -9.9596,
-25.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	497952
RGB	73, 121, 82
RGB Percent	29%, 47%, 32%
CMY	0.7137, 0.5255, 0.6784
CMYK	0.40, 0.00, 0.32, 0.53
HSL	131°, 25%, 38%
HSV	131°, 40%, 47%
XYZ	11.1080, 15.7004, 10.4277
YIQ	102.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

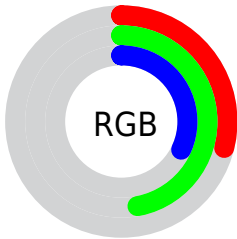
Format	Color
R_{YB}	73, 113, 121
Decimal	4815186
CIE _{Lab}	46.58, -25.28, 16.39
CIE _{LCh}	47, 30.129, 147.041
Yxy	15.7004, 0.2983, 0.4216
Android (android.graphics.Color)	4283005266 (0xFF497952)
YUV	102.2020, -9.9596, -25.6102
Hunter-Lab	39.6237, -19.3013, 12.1334

Details

The YUV color $[102.2020, -9.9596, -25.6102]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[91.7980, 9.9596, 25.6102]$, and the grayscale version is $[102.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[154.2620, -10.9752, -26.5398]$, and $[53.6580, -8.2124, -26.0101]$ is the 20% darker color. If you saturate the color by 10%, you get $[97.4740, -12.5587, -31.9877]$, and if you desaturate by 10%, it is $[106.9300, -7.3605, -19.2326]$.

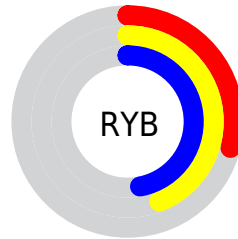
Distribution



Red (29%)

Green (47%)

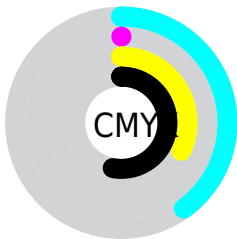
Blue (32%)



Red (29%)

Yellow (44%)

Blue (47%)

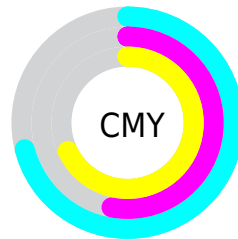


Cyan (40%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.2020, -9.9596, -25.6102 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 102.2020, -9.9596, -25.6102 by changing the saturation by 10% instead.

■ 102.2020, -9.9596,
-25.6102

■ 102.2020, -9.9596,
-25.6102

■ 255.0000, 0.0000,
0.0000

■ 77.7290, -9.2334,
-25.1953

■ 154.2620,
-10.9752, -26.5398

■ 53.6580, -8.2124,
-26.0101

■ 180.8490,
-11.2646, -27.0546

■ 30.5870, -7.1914,
-26.8248

■ 208.4360,
-11.5539, -27.5694

■ 17.6100, -8.6817,
-15.4440

■ 235.2620,
-10.9752, -26.5398

■ 0.0000, 0.0000,
0.0000

■ 247.1250, -3.0196,
-11.5106

■ 102.2020, -9.9596,
-25.6102

■ 102.2020, -9.9596,
-25.6102

■ 97.4740, -12.5587,
-31.9877

■ 106.9300, -7.3605,
-19.2326

■ 92.7460, -15.1578,
-38.3652

■ 111.6580, -4.7614,
-12.8551

■ 88.1320, -17.3201,
-44.8428

■ 116.2720, -2.5991,
-6.3775

■ 83.4040, -19.9192,
-51.2203

■ 121.0000, 0.0000,
0.0000

■ 78.3770, -22.3709,
-58.2126

■ 125.7280, 2.5991,
6.3775

■ 73.6490, -24.9700,
-64.5902

■ 130.7550, 5.0508,
13.3699

■ 135.4830, 7.6499,
19.7474

■ 140.2110, 10.2490,

26.1250

■ 144.8250, 12.4113,
32.6025

Harmonies

Analogous

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



106.1850, -20.7972, -2.7932



102.2020, -9.9596, -25.6102



95.1520, 5.8411, -53.6303

Triad

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



102.2020, -9.9596, -25.6102



105.3050, 27.4576, -33.5935



111.6910, -11.1867, 41.4900

Complementary

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



102.2020, -9.9596, -25.6102



91.7980, 9.9596, 25.6102

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.



112.4700, 0.7543, 38.1758



102.2020, -9.9596, -25.6102



111.8960, 21.2503, -2.5398

Square

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



102.2020, -9.9596, -25.6102



87.7680, 31.6664, -76.9725



113.9440, 11.8596, 22.8511



110.2310, -20.3269, 33.1234

Rectangle

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



102.2020, -9.9596, -25.6102



86.9240, 18.2785, -76.2323



113.9440, 11.8596, 22.8511



112.0160, -7.4029, 41.2050

Sweetspot

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



102.2020, -9.9596, -25.6102



150.6090, -3.7512, -10.1811



112.8370, -19.6396, -0.7340



74.6850, -2.3097, -5.8627



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.



102.2020, -9.9596, -25.6102



128.2080, -15.8785, -40.5244



104.9380, 0.5236, -28.0096



58.6360, -1.2995, -3.1888



75.9970, -26.1275, -66.6494



153.2820, -52.3970, -134.4283

Inverse Universe

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



91.7980, 9.9596, 25.6102



111.7920, 15.8785, 40.5244



89.0620, -0.5236, 28.0096



57.3640, 1.2995, 3.1888



49.0030, 26.1275, 66.6494



98.7180, 52.3970, 134.4283

Previews

White Background



This preview shows how the YUV color 102.2020, -9.9596, -25.6102 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 102.2020, -9.9596, -25.6102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

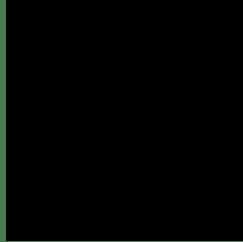
Any Text WCAG AA × Fail

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 102.2020, -9.9596, -25.6102 Background



This preview shows how black text looks on a background with the YUV color 102.2020, -9.9596, -25.6102.



This preview shows how white text looks on a background with the YUV color 102.2020, -9.9596, -25.6102.

-25.6102.

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

102.2020, -9.9596, -25.6102

Protanopia

108.9290, -15.7410, 8.8323

Deuteranopia

109.8960, -12.2737, 16.7542



Tritanopia

106.8600, 8.9430, -21.8022

Trichromacy



Original Color

102.2020, -9.9596, -25.6102

Protanomaly

106.4220, -13.5190, -3.8781

Deuteranomaly

107.3240, -11.4987, 1.4699

Tritanomaly

105.3130, 1.8177, -23.0765

Monochromacy



Original Color

102.2020, -9.9596, -25.6102

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0220, -3.4618, -9.6663

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.2020, -9.9596, -25.6102 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(73, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(73, 121, 82)  
}
```

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(73, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 121, 82) }
```

Border

The CSS property to change the border of an element to YUV 102.2020, -9.9596, -25.6102 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(73, 121, 82) }
```


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

```
.border{ border-color:rgb(73, 121, 82) }
```

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

Here you see how a box with a 4 pixel rgb(73, 121, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(73, 121,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 102.2020, -9.9596, -25.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 121, 82) }
```

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

```
.background{ background-color: rgb(73, 121,  
82) }
```

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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