

Converting Colors

YUV(99.0520, 7.8624, -1.7996)

Have a look what the booklet for
YUV(99.0520, 7.8624, -1.7996)
contains.

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Color

**YUV(99.0520, 7.8624,
-1.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	616173
RGB	97, 97, 115
RGB Percent	38%, 38%, 45%
CMY	0.6196, 0.6196, 0.5490
CMYK	0.16, 0.16, 0.00, 0.55
HSL	240°, 8%, 42%
HSV	240°, 16%, 45%
XYZ	12.2990, 12.3286, 17.9511
YIQ	99.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

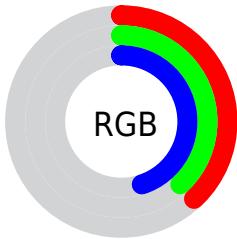
Format	Color
R_{YB}	97, 97, 115
Decimal	6381939
CIE Lab	41.73, 4.05, -10.13
CIE LCh	42, 10.904, 291.785
Yxy	12.3286, 0.2889, 0.2895
Android (android.graphics.Color)	4284572019 (0xFF616173)
YUV	99.0520, 7.8624, -1.7996
Hunter-Lab	35.1121, 1.0784, -5.7336

Details

The YUV color **99.0520, 7.8624, -1.7996** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **112.9480, -7.8624, 1.7996**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1660, 8.2992, -1.8996**, and **52.5250, 7.1362, -2.2144** is the 20% darker color. If you saturate the color by 10%, you get **89.3060, 12.6671, -2.8994**, and if you desaturate by 10%, it is **108.7980, 3.0576, -0.6998**.

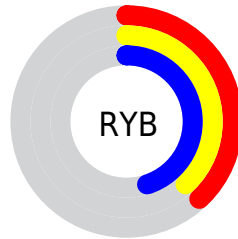
Distribution



Red (38%)

Green (38%)

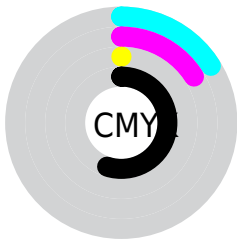
Blue (45%)



Red (38%)

Yellow (38%)

Blue (45%)

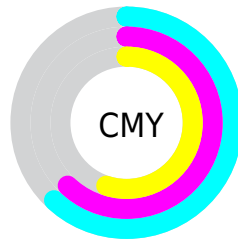


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0520, 7.8624, -1.7996 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 99.0520, 7.8624, -1.7996 by changing the saturation by 10% instead.

■ 99.0520, 7.8624,
-1.7996

■ 99.0520, 7.8624,
-1.7996

255.0000, 0.0000,
0.0000

■ 74.9380, 7.4256,
-1.6996

■ 150.1660, 8.2992,
-1.8996

■ 52.5250, 7.1362,
-2.2144

■ 176.2800, 8.7360,
-1.9996

■ 31.4110, 6.6994,
-2.1144

■ 203.6930, 9.0254,
-1.4848

■ 6.6930, 9.0254,
-1.4848

■ 232.3940, 9.1728,
-2.0995

■ 0.0000, 0.0000,
0.0000

■ 99.0520, 7.8624,

■ 99.0520, 7.8624,

-1.7996

■ 89.3060, 12.6671,
-2.8994

■ 78.6740, 17.9087,
-4.0991

■ 68.9280, 22.7135,
-5.1989

■ 58.2960, 27.9551,
-6.3986

■ 47.6640, 33.1966,
-7.5983

■ 37.9180, 38.0014,
-8.6981

■ 27.2860, 43.2430,
-9.8978

■ 17.5400, 48.0478,
-10.9976

-1.7996

■ 108.7980, 3.0576,
-0.6998

■ 119.4300, -2.1840,
0.4999

■ 130.0620, -7.4256,
1.6996

■ 139.8080,
-12.2303, 2.7994

■ 150.4400,
-17.4719, 3.9991

■ 160.1860,
-22.2767, 5.0989

■ 170.8180,
-27.5183, 6.2986

■ 180.5640,
-32.3231, 7.3984

■ 13.1100, 50.2318,
-11.4975

■ 191.1960,
-37.5646, 8.5981

Harmonies

Analogous

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



97.6380, 9.0525, -10.2065



99.0520, 7.8624, -1.7996



100.0100, 4.9251, 7.0072

Triad

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



99.0520, 7.8624, -1.7996



99.2530, -7.0267, 13.8101



95.6130, 0.1908, -14.5696

Complementary

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



99.0520, 7.8624, -1.7996



112.9480, -7.8624, 1.7996

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.



96.1040, -4.4883, -7.1072



99.0520, 7.8624, -1.7996



98.4650, -8.6102, 8.3622

Square

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



99.0520, 7.8624, -1.7996



99.4750, -3.6852, 15.3694



97.6490, -7.7150, 1.1848



95.4430, 4.7116, -17.9285

Rectangle

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



99.0520, 7.8624, -1.7996



100.2340, 1.8566, 11.1958



97.6490, -7.7150, 1.1848



95.5810, -1.2724, -11.9105

Sweetspot

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



99.0520, 7.8624, -1.7996



143.7980, 3.0576, -0.6998



109.6180, 2.6533, -11.0660



72.5700, 2.1840, -0.4999



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.



99.0520, 7.8624, -1.7996



125.1920, 12.2303, -2.7994



101.7430, 6.5357, 3.7334



53.6840, 2.6208, -0.5999



13.9080, 53.2894, -12.1973



28.5000, 109.1995, -24.9945

Inverse Universe

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



104.4340, 5.2090, 9.2664



133.5640, 8.1029, 14.4144



110.2570, -6.5357, -3.7334



55.4780, 1.7363, 3.0888



50.3860, 35.3057, 62.8055



103.2500, 72.3478, 128.6997

Previews

White Background



This preview shows how the YUV color 99.0520, 7.8624, -1.7996 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 99.0520, 7.8624, -1.7996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

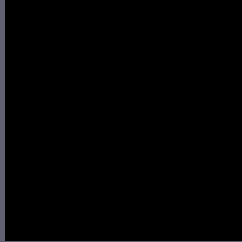
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

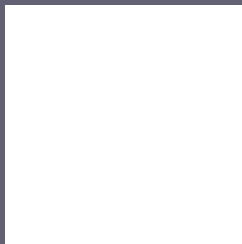
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 99.0520, 7.8624, -1.7996

Background



This preview shows how black text looks on a background with the YUV color 99.0520, 7.8624, -1.7996.



This preview shows how white text looks on a background with the YUV color 99.0520, 7.8624,

-1.7996.

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

99.0520, 7.8624, -1.7996

Protanopia

99.0410, 7.8678, -3.5440

Deuteranopia

99.3620, 7.7095, 0.5595



Tritanopia

98.0150, 3.9366, -2.6442

Trichromacy



Original Color

99.0520, 7.8624, -1.7996

Protanomaly

99.3400, 7.7204, -2.9292

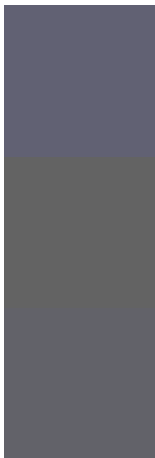
Deuteranomaly

99.0630, 7.8569, -0.0553

Tritanomaly

98.6560, 5.0996, -2.3293

Monochromacy



Original Color

99.0520, 7.8624, -1.7996

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7980, 3.0576, -0.6998

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0520, 7.8624, -1.7996 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(97, 97, 115)` looks like.

```
.text, #text, p{  
    color:rgb(97, 97, 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(97, 97, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 115) }
```

Border

The CSS property to change the border of an element to YUV 99.0520, 7.8624, -1.7996 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(97, 97, 115) }
```


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

```
.border{ border-color:rgb(97, 97, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 97, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 115);  
box-shadow:4px 4px 4px 4px rgb(97, 97,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 99.0520, 7.8624, -1.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 115) }
```

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

```
.background{ background-color: rgb(97, 97,  
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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