

Converting Colors

YUV(96.2640, -10.4832, 2.3995)

Have a look what the booklet for
YUV(96.2640, -10.4832, 2.3995)
contains.

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Color

**YUV(96.2640, -10.4832,
2.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	63634B
RGB	99, 99, 75
RGB Percent	39%, 39%, 29%
CMY	0.6118, 0.6118, 0.7059
CMYK	0.00, 0.00, 0.24, 0.61
HSL	60°, 14%, 34%
HSV	60°, 24%, 39%
XYZ	10.8774, 12.0843, 8.4158
YIQ	96.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

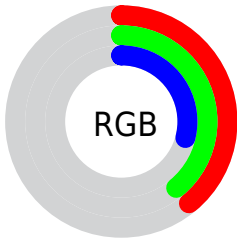
Format	Color
R_{YB}	75, 99, 75
Decimal	6513483
CIE Lab	41.35, -4.44, 13.69
CIE LCh	41, 14.388, 107.990
Yxy	12.0843, 0.3467, 0.3851
Android (android.graphics.Color)	4284703563 (0xFF63634B)
YUV	96.2640, -10.4832, 2.3995
Hunter-Lab	34.7625, -4.9805, 9.9800

Details

The YUV color **96.2640, -10.4832, 2.3995** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **77.7360, 10.4832, -2.3995**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0360, -11.3567, 2.5994**, and **50.1930, -9.4621, 1.5847** is the 20% darker color. If you saturate the color by 10%, you get **95.1240, -14.8511, 3.3993**, and if you desaturate by 10%, it is **97.4040, -6.1152, 1.3997**.

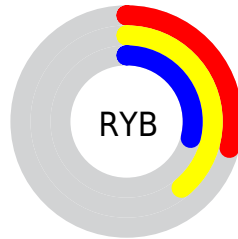
Distribution



Red (39%)

Green (39%)

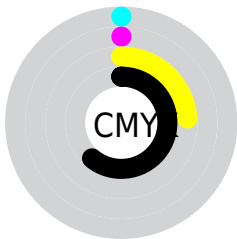
Blue (29%)



Red (29%)

Yellow (39%)

Blue (29%)

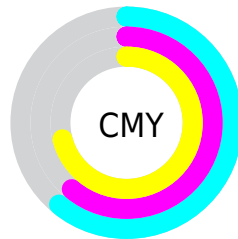


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2640, -10.4832, 2.3995 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 96.2640, -10.4832, 2.3995 by changing the saturation by 10% instead.

■ 96.2640, -10.4832,
2.3995

■ 96.2640, -10.4832,
2.3995

■ 255.0000, 0.0000,
0.0000

■ 72.3780, -10.0464,
2.2995

■ 147.0360,
-11.3567, 2.5994

■ 50.1930, -9.4621,
1.5847

■ 173.3350,
-11.5042, 3.2142

■ 28.3780, -10.0464,
2.2995

■ 200.8080,
-12.2303, 2.7994

■ 4.6960, -2.3151,
-4.1184

■ 229.1070,
-12.3778, 3.4142

■ 0.0000, 0.0000,
0.0000

■ 252.3780,
-10.0464, 2.2995

■ 96.2640, -10.4832,
2.3995

■ 96.2640, -10.4832,
2.3995

■ 95.1240, -14.8511,
3.3993

■ 97.4040, -6.1152,
1.3997

■ 93.9840, -19.2191,
4.3990

■ 98.5440, -1.7472,
0.3999

■ 92.8440, -23.5871,
5.3988

■ 99.6840, 2.6208,
-0.5999

■ 91.7040, -27.9551,
6.3986

■ 100.8240, 6.9888,
-1.5996

■ 90.6780, -31.8863,
7.2984

■ 101.9640, 11.3567,
-2.5994

■ 89.5380, -36.2542,
8.2982

■ 102.9900, 15.2879,
-3.4992

■ 88.3980, -40.6222,
9.2980

■ 104.1300, 19.6559,
-4.4990

■ 87.7140, -43.2430,

■ 105.2700, 24.0239,

9.8978

-5.4988

■ 106.4100, 28.3919,
-6.4986

Harmonies

Analogous

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



97.5040, -11.0945, 11.8360



96.2640, -10.4832, 2.3995



94.8220, -6.8142, -7.7369

Triad

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



96.2640, -10.4832, 2.3995



93.6040, 10.5482, -23.3317



99.8540, 1.5510, 15.9140

Complementary

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



96.2640, -10.4832, 2.3995



77.7360, 10.4832, -2.3995

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.



99.1780, 6.8142, 7.7369



96.2640, -10.4832, 2.3995



95.7020, 11.9789, -15.5247

Square

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



96.2640, -10.4832, 2.3995



92.3390, 5.7489, -23.9763



97.8390, 10.9254, -4.2438



99.0950, -3.9908, 20.0877

Rectangle

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



96.2640, -10.4832, 2.3995



94.1030, -3.0088, -14.9993



97.8390, 10.9254, -4.2438



99.7120, 3.5930, 14.2846

Sweetspot

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



96.2640, -10.4832, 2.3995



126.9740, -3.9312, 0.8998



82.1760, -3.5378, 14.7546



63.4300, -2.1840, 0.4999



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



96.2640, -10.4832, 2.3995



123.7820, -16.1615, 3.6992



92.6760, -8.7143, -4.9779



47.5440, -1.7472, 0.3999



99.2320, -48.9214, 11.1975



212.6400, -104.8315, 23.9947

Inverse Universe

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



77.7360, 10.4832, -2.3995



95.2180, 16.1615, -3.6992



81.3240, 8.7143, 4.9779



44.4560, 1.7472, -0.3999



12.7680, 48.9214, -11.1975



27.3600, 104.8315, -23.9947

Previews

White Background



This preview shows how the YUV color 96.2640, -10.4832, 2.3995 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 96.2640, -10.4832, 2.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

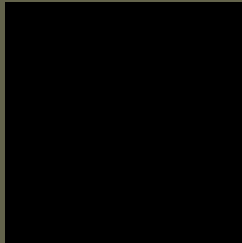
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.2640, -10.4832, 2.3995

Background



This preview shows how black text looks on a background with the YUV color 96.2640, -10.4832, 2.3995.



This preview shows how white text looks on a background with the YUV color 96.2640, -10.4832,

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

96.2640, -10.4832, 2.3995

Protanopia

96.4710, -11.0782, 6.6029

Deuteranopia

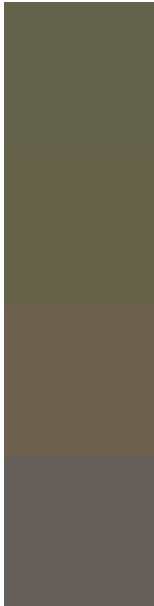
97.9280, -10.8105, 14.0951



Tritanopia

98.3040, 2.3151, 4.1184

Trichromacy



Original Color

96.2640, -10.4832, 2.3995

Protanomaly

96.4600, -11.0728, 4.8586

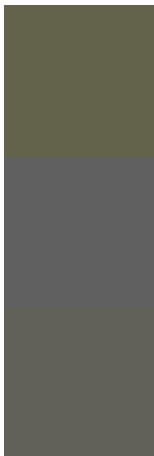
Deuteranomaly

97.6070, -10.6523, 9.9917

Tritanomaly

97.4520, -2.1948, 3.9886

Monochromacy



Original Color

96.2640, -10.4832, 2.3995

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2640, -10.4832, 2.3995 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(99, 99, 75)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 75)  
}
```

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(99, 99, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 75) }
```

Border

The CSS property to change the border of an element to YUV 96.2640, -10.4832, 2.3995 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(99, 99, 75) }
```


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

```
.border{ border-color:rgb(99, 99, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 99, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 75);  
box-shadow:4px 4px 4px 4px rgb(99, 99, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 96.2640, -10.4832, 2.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 75) }
```

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

```
.background{ background-color: rgb(99, 99,  
75) }
```

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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