

Converting Colors

YUV(99.2280, 0.8736, -0.2000)

Have a look what the booklet for
YUV(99.2280, 0.8736, -0.2000)
contains.

YUV(99.2280, 0.8736, -0.2000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(99.2280, 0.8736,
-0.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	636365
RGB	99, 99, 101
RGB Percent	39%, 39%, 40%
CMY	0.6118, 0.6118, 0.6039
CMYK	0.02, 0.02, 0.00, 0.60
HSL	240°, 1%, 39%
HSV	240°, 2%, 40%
XYZ	11.9564, 12.5159, 14.0976
YIQ	99.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

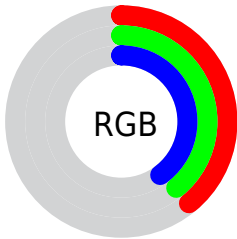
Format	Color
R_{YB}	99, 99, 101
Decimal	6513509
CIE _{Lab}	42.02, 0.42, -1.14
CIE _{LCh}	42, 1.213, 290.389
Yxy	12.5159, 0.3100, 0.3245
Android (android.graphics.Color)	4284703589 (0xFF636365)
YUV	99.2280, 0.8736, -0.2000
Hunter-Lab	35.3778, -1.5849, 1.1383

Details

The YUV color **99.2280, 0.8736, -0.2000** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.7720, -0.8736, 0.2000**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2280, 0.8736, -0.2000**, and **53.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **90.3680, 5.2416, -1.1997**, and if you desaturate by 10%, it is **108.0880, -3.4944, 0.7998**.

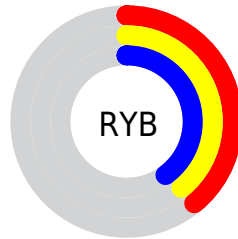
Distribution



Red (39%)

Green (39%)

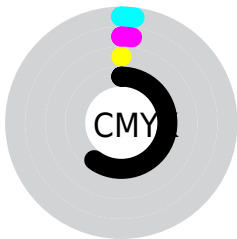
Blue (40%)



Red (39%)

Yellow (39%)

Blue (40%)

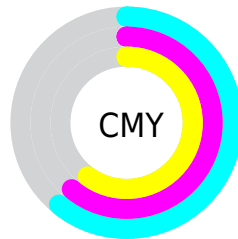


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (60%)



Cyan (61%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2280, 0.8736, -0.2000 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 99.2280, 0.8736, -0.2000 by changing the saturation by 10% instead.

■ 99.2280, 0.8736,
-0.2000

■ 99.2280, 0.8736,
-0.2000

■ 255.0000, 0.0000,
0.0000

■ 75.2280, 0.8736,
-0.2000

■ 150.2280, 0.8736,
-0.2000

■ 53.1140, 0.4368,
-0.1000

■ 176.3420, 1.3104,
-0.2999

■ 31.2280, 0.8736,
-0.2000

■ 204.2280, 0.8736,
-0.2000

■ 7.3420, 1.3104,
-0.2999

■ 232.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 99.2280, 0.8736,

■ 99.2280, 0.8736,

-0.2000

■ 90.3680, 5.2416,
-1.1997

■ 81.5080, 9.6096,
-2.1995

■ 72.6480, 13.9775,
-3.1993

■ 63.7880, 18.3455,
-4.1991

■ 54.9280, 22.7135,
-5.1989

■ 45.1820, 27.5183,
-6.2986

■ 36.3220, 31.8863,
-7.2984

■ 27.4620, 36.2542,
-8.2982

-0.2000

■ 108.0880, -3.4944,
0.7998

■ 116.9480, -7.8624,
1.7996

■ 125.8080,
-12.2303, 2.7994

■ 134.6680,
-16.5983, 3.7992

■ 144.4140,
-21.4031, 4.8989

■ 153.2740,
-25.7711, 5.8987

■ 162.1340,
-30.1391, 6.8985

■ 170.9940,
-34.5070, 7.8983

■ 18.6020, 40.6222,
-9.2980

■ 179.8540,
-38.8750, 8.8980

Harmonies

Analogous

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



98.9290, 1.0210, -0.8147



99.2280, 0.8736, -0.2000



99.4130, 0.2894, 0.5148

Triad

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



99.2280, 0.8736, -0.2000



99.4840, -0.7316, 1.3295



98.9890, 0.0054, -1.7444

Complementary

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



99.2280, 0.8736, -0.2000



100.7720, -0.8736, 0.2000

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.



99.1740, -0.5788, -1.0296



99.2280, 0.8736, -0.2000



99.0710, -1.0210, 0.8147

Square

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



99.2280, 0.8736, -0.2000



99.4840, -0.7316, 1.3295



98.7720, -0.8736, 0.2000



99.1030, 0.4422, -1.8443

Rectangle

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



99.2280, 0.8736, -0.2000



99.7120, 0.1420, 1.1296



98.7720, -0.8736, 0.2000



98.8750, -0.4314, -1.6444

Sweetspot

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



99.2280, 0.8736, -0.2000



129.1140, 0.4368, -0.1000



100.4020, 0.2948, -1.2296



66.0000, 0.0000, 0.0000



194.0000, 0.0000, 0.0000

Same Dimension

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



99.2280, 0.8736, -0.2000



127.3420, 1.3104, -0.2999



99.5270, 0.7262, 0.4148



50.1140, 0.4368, -0.1000



13.1100, 50.2318, -11.4975



27.5880, 105.7051, -24.1947

Inverse Universe

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



99.8260, 0.5788, 1.0296



128.2390, 0.8682, 1.5444



100.4730, -0.7262, -0.4148



50.4130, 0.2894, 0.5148



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 99.2280, 0.8736, -0.2000 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 99.2280, 0.8736, -0.2000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

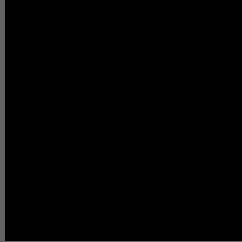
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2280, 0.8736, -0.2000

Background



This preview shows how black text looks on a background with the YUV color 99.2280, 0.8736, -0.2000.



This preview shows how white text looks on a background with the YUV color 99.2280, 0.8736,

-0.2000.

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

99.2280, 0.8736, -0.2000

Protanopia

99.5270, 0.7262, 0.4148

Deuteranopia

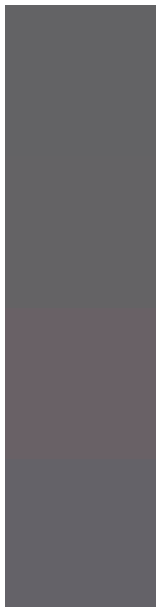
100.2720, 0.8519, 6.7775



Tritanopia

99.5100, 3.1996, 0.4297

Trichromacy



Original Color

99.2280, 0.8736, -0.2000

Protanomaly

99.5270, 0.7262, 0.4148

Deuteranomaly

99.9620, 1.0047, 4.4183

Tritanomaly

99.2820, 2.3260, 0.6297

Monochromacy



Original Color

99.2280, 0.8736, -0.2000

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1140, 0.4368, -0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2280, 0.8736, -0.2000 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 101) }
```

Border

The CSS property to change the border of an element to YUV 99.2280, 0.8736, -0.2000 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, 101) }
```

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

```
.border{ border-color:rgb(99, 99, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 101);  
box-shadow:4px 4px 4px 4px rgb(99, 99,  
101) }
```


Background

The CSS property to change the background color of an element to YUV 99.2280, 0.8736, -0.2000 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, 101) }
```

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

```
.background{ background-color: rgb(99, 99,  
101) }
```

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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