

Converting Colors

YUV(97.7210, -13.6665, -3.2633)

Have a look what the booklet for
YUV(97.7210, -13.6665, -3.2633)
contains.

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Color

**YUV(97.7210, -13.6665,
-3.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6946
RGB	94, 105, 70
RGB Percent	37%, 41%, 27%
CMY	0.6314, 0.5882, 0.7255
CMYK	0.10, 0.00, 0.33, 0.59
HSL	79°, 20%, 34%
HSV	79°, 33%, 41%
XYZ	10.7732, 12.9250, 7.7213
YIQ	97.7210, 4.6790, -13.2170

Conversions

Conversions Part 2

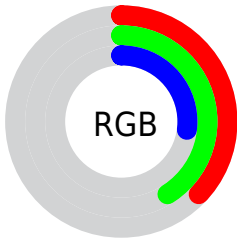
Format	Color
RYB	70, 105, 81
Decimal	6187334
CIELab	42.65, -10.83, 18.34
CIElCh	43, 21.295, 120.557
Yxy	12.9250, 0.3429, 0.4114
Android (android.graphics.Color)	4284377414 (0xFF5E6946)
YUV	97.7210, -13.6665, -3.2633
Hunter-Lab	35.9514, -9.4258, 12.4322

Details

The YUV color $[97.7210, -13.6665, -3.2633]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[77.2790, 13.6665, 3.2633]$, and the grayscale version is $[98.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[148.4930, -14.5400, -3.0634]$, and $[51.0630, -12.3561, -3.5633]$ is the 20% darker color. If you saturate the color by 10%, you get $[95.5700, -18.0290, -4.0079]$, and if you desaturate by 10%, it is $[99.8720, -9.3039, -2.5187]$.

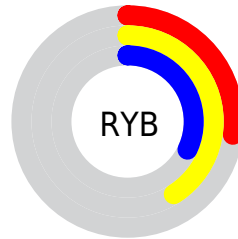
Distribution



Red (37%)

Green (41%)

Blue (27%)



Red (27%)

Yellow (41%)

Blue (32%)

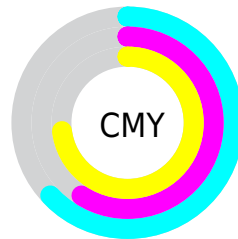


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (59%)



Cyan (63%)

Magenta (59%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.7210, -13.6665, -3.2633 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 97.7210, -13.6665, -3.2633 by changing the saturation by 10% instead.

■ 97.7210, -13.6665,
-3.2633

■ 97.7210, -13.6665,
-3.2633

■ 255.0000, 0.0000,
0.0000

■ 73.8350, -13.2297,
-3.3633

■ 148.4930,
-14.5400, -3.0634

■ 51.0630, -12.3561,
-3.5633

■ 175.2650,
-15.4136, -2.8634

■ 29.2050, -14.3981,
-1.9338

■ 202.8520,
-15.7030, -3.3782

■ 9.3920, -4.6303,
-8.2368

■ 230.7380,
-16.1398, -3.2782

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 97.7210, -13.6665,
-3.2633

■ 97.7210, -13.6665,
-3.2633

■ 95.5700, -18.0290,
-4.0079

■ 99.8720, -9.3039,
-2.5187

■ 93.2340, -21.8074,
-5.4672

■ 102.2080, -5.5255,
-1.0594

■ 91.1970, -25.7331,
-6.3118

■ 104.3590, -1.1630,
-0.3148

■ 89.0460, -30.0957,
-7.0563

■ 106.3960, 2.7628,
0.5297

■ 87.0090, -34.0214,
-7.9009

■ 108.8460, 6.9779,
1.8891

■ 84.5590, -38.2366,
-9.2602

■ 110.8830, 10.9037,
2.7336

■ 83.1630, -40.9994,
-9.7900

■ 113.0340, 15.2662,
3.4782

■ 115.0710, 19.1920,

4.3227

■ 117.5210, 23.4071,
5.6821

Harmonies

Analogous

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



99.8970, -17.2042, 11.4913



97.7210, -13.6665, -3.2633



95.2720, -6.0501, -19.5325

Triad

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



97.7210, -13.6665, -3.2633



93.5900, 18.4431, -35.5974



103.2360, -1.1023, 26.9800

Complementary

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



97.7210, -13.6665, -3.2633



77.2790, 13.6665, 3.2633

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.



103.0590, 7.3659, 17.4883



97.7210, -13.6665, -3.2633



98.7000, 18.3889, -18.1539

Square

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



97.7210, -13.6665, -3.2633



90.8790, 13.3707, -41.9899



102.3820, 14.1087, 1.4190



102.1840, -8.9647, 28.7796

Rectangle

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



97.7210, -13.6665, -3.2633



93.2260, 0.3816, -29.1392



102.3820, 14.1087, 1.4190



103.3220, 1.8133, 25.1506

Sweetspot

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



97.7210, -13.6665, -3.2633



134.9090, -5.3781, -1.6742



86.9220, -8.3425, 15.8544



67.1910, -3.0522, -1.0445



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



97.7210, -13.6665, -3.2633



126.3480, -21.3706, -5.5672



92.6380, -11.1605, -13.7145



52.7180, -2.3260, -0.6297



92.5990, -45.6513, -11.0493



194.0470, -95.6652, -22.8432

Inverse Universe

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



77.2790, 13.6665, 3.2633



94.3530, 21.5180, 4.9524



82.3620, 11.1605, 13.7145



49.2820, 2.3260, 0.6297



24.4010, 45.6513, 11.0493



50.9530, 95.6652, 22.8432

Previews

White Background



This preview shows how the YUV color 97.7210, -13.6665, -3.2633 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 97.7210, -13.6665, -3.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

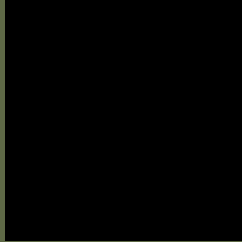
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.7210, -13.6665, -3.2633

Background



This preview shows how black text looks on a background with the YUV color 97.7210, -13.6665, -3.2633.



This preview shows how white text looks on a background with the YUV color 97.7210, -13.6665,

-3.2633.

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

97.7210, -13.6665, -3.2633

Protanopia

99.6300, -15.5936, 8.2175

Deuteranopia

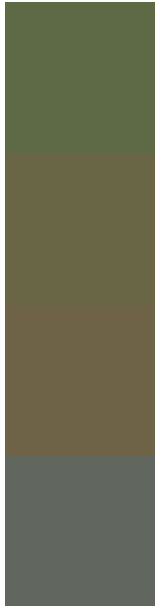
100.1410, -13.8735, 16.5393



Tritanopia

100.6130, 3.6418, -1.4146

Trichromacy



Original Color

97.7210, -13.6665, -3.2633

Protanomaly

98.8360, -14.7091, 4.5288

Deuteranomaly

99.0970, -13.8518, 9.5619

Tritanomaly

99.5930, -2.7573, -2.2741

Monochromacy



Original Color

97.7210, -13.6665, -3.2633

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3220, -5.0887, -1.1594

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.7210, -13.6665, -3.2633 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(94, 105, 70)` looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 70)  
}
```

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(94, 105, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 70) }
```

Border

The CSS property to change the border of an element to YUV 97.7210, -13.6665, -3.2633 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(94, 105, 70) }
```


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

```
.border{ border-color:rgb(94, 105, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 70);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 97.7210, -13.6665, -3.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 70) }
```

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

```
.background{ background-color: rgb(94, 105,  
70) }
```

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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