

Converting Colors

YUV(98.6110, -13.6122,
-20.7068)

Have a look what the booklet for
YUV(98.6110, -13.6122, -20.7068)
contains.

YUV(98.6110, -13.6122, -20.7068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.6110, -13.6122,
-20.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7447
RGB	75, 116, 71
RGB Percent	29%, 45%, 28%
CMY	0.7059, 0.5451, 0.7216
CMYK	0.35, 0.00, 0.39, 0.55
HSL	115°, 24%, 37%
HSV	115°, 39%, 45%
XYZ	10.2844, 14.4416, 8.2067
YIQ	98.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

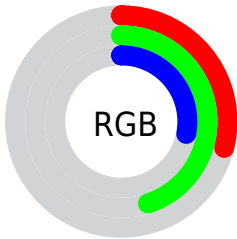
Format	Color
R_{YB}	71, 116, 112
Decimal	4944967
CIE _{Lab}	44.86, -24.07, 20.45
CIE _{LCh}	45, 31.581, 139.648
Yxy	14.4416, 0.3123, 0.4385
Android (android.graphics.Color)	4283135047 (0xFF4B7447)
YUV	98.6110, -13.6122, -20.7068
Hunter-Lab	38.0021, -18.1968, 13.7975

Details

The YUV color **98.6110, -13.6122, -20.7068** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **88.3890, 13.6122, 20.7068**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6710, -14.6278, -21.6365**, and **50.3660, -12.0124, -20.4920** is the 20% darker color. If you saturate the color by 10%, you get **93.9540, -17.2323, -26.2697**, and if you desaturate by 10%, it is **103.2680, -9.9921, -15.1440**.

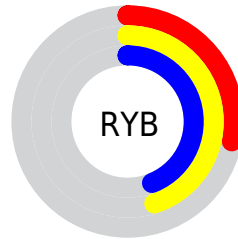
Distribution



Red (29%)

Green (45%)

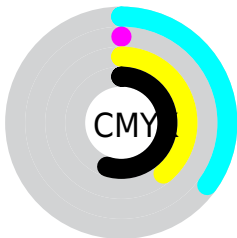
Blue (28%)



Red (28%)

Yellow (45%)

Blue (44%)

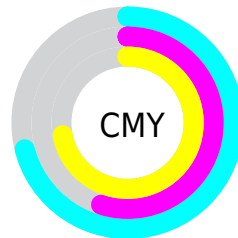


Cyan (35%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (71%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6110, -13.6122, -20.7068 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 98.6110, -13.6122, -20.7068 by changing the saturation by 10% instead.

■ 98.6110, -13.6122,
-20.7068

■ 98.6110, -13.6122,
-20.7068

255.0000, 0.0000,
0.0000

■ 74.1380, -12.8860,
-20.2920

■ 149.6710,
-14.6278, -21.6365

■ 50.3660, -12.0124,
-20.4920

■ 177.1440,
-15.3540, -22.0513

■ 27.8390, -12.7386,
-20.9068

■ 204.6170,
-16.0802, -22.4661

■ 15.2620, -7.5242,
-13.3848

■ 232.6170,
-16.0802, -22.4661

■ 0.0000, 0.0000,
0.0000

■ 245.9420, -8.8454,
-9.5961

■ 98.6110, -13.6122,
-20.7068

■ 98.6110, -13.6122,
-20.7068

■ 93.9540, -17.2323,
-26.2697

■ 103.2680, -9.9921,
-15.1440

■ 89.7100, -20.5630,
-31.3177

■ 107.5120, -6.6614,
-10.0960

■ 85.0530, -24.1831,
-36.8805

■ 112.1690, -3.0413,
-4.5332

■ 80.8090, -27.5138,
-41.9285

■ 116.4130, 0.2894,
0.5148

■ 76.1520, -31.1339,
-47.4913

■ 121.0700, 3.9095,
6.0776

■ 71.7940, -34.9014,
-52.4393

■ 125.4280, 7.6770,
11.0256

■ 71.0820, -35.0434,
-53.5689

■ 129.9710, 10.8603,
16.6884

■ 134.6280, 14.4804,

22.2512

■ 138.8720, 17.8111,
27.2993

Harmonies

Analogous

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



102.2350, -23.2869, 2.4249



98.6110, -13.6122, -20.7068



91.2620, 2.3358, -49.3418

Triad

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



98.6110, -13.6122, -20.7068



96.6130, 30.2638, -47.0186



107.6850, -8.7187, 43.2493

Complementary

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



98.6110, -13.6122, -20.7068



88.3890, 13.6122, 20.7068

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.



108.8550, 3.5225, 36.9612



98.6110, -13.6122, -20.7068



106.6500, 24.3295, -10.2171

Square

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



98.6110, -13.6122, -20.7068



85.3230, 29.9138, -74.8283



109.4210, 15.0754, 18.0478



106.1930, -19.3221, 37.5417

Rectangle

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



98.6110, -13.6122, -20.7068



83.4360, 15.0681, -73.1734



109.4210, 15.0754, 18.0478



107.8250, -4.3507, 42.2495

Sweetspot

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



98.6110, -13.6122, -20.7068



143.1640, -5.5039, -8.0368



107.9350, -18.2090, 7.0730



72.7560, -3.3307, -5.0480



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.



98.6110, -13.6122, -20.7068



122.8840, -21.1418, -32.3473



99.4670, -5.1602, -24.9656



56.5220, -1.7363, -3.0888



74.9030, -36.9272, -56.0429



153.3280, -75.5907, -115.1747

Inverse Universe

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



88.3890, 13.6122, 20.7068



107.1160, 21.1418, 32.3473



87.5330, 5.1602, 24.9656



55.1790, 1.8838, 2.4740



47.3960, 36.7798, 56.6577



96.6720, 75.5907, 115.1747

Previews

White Background



This preview shows how the YUV color 98.6110, -13.6122, -20.7068 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 98.6110, -13.6122, -20.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

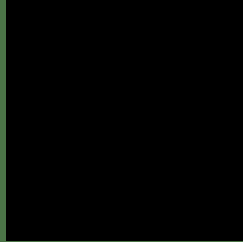
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6110, -13.6122, -20.7068

Background



This preview shows how black text looks on a background with the YUV color 98.6110, -13.6122, -20.7068.



This preview shows how white text looks on a background with the YUV color 98.6110, -13.6122, -20.7068.

-20.7068.

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

98.6110, -13.6122, -20.7068

Protanopia

104.2450, -18.3618, 9.4321

Deuteranopia

105.3970, -15.4787, 18.0688



Tritanopia

103.2520, 7.7638, -16.8840

Trichromacy



Original Color

98.6110, -13.6122, -20.7068

Protanomaly

102.2220, -16.8714, -1.9487

Deuteranomaly

102.5370, -14.5617, 3.9141

Tritanomaly

101.5910, 0.2016, -18.0583

Monochromacy



Original Color

98.6110, -13.6122, -20.7068

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6910, -4.7777, -7.6220

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6110, -13.6122, -20.7068 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(75, 116, 71)` looks like.

```
.text, #text, p{  
    color:rgb(75, 116, 71)  
}
```

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(75, 116, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 116, 71) }
```

Border

The CSS property to change the border of an element to YUV 98.6110, -13.6122, -20.7068 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(75, 116, 71) }
```


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

```
.border{ border-color:rgb(75, 116, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 116, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 116, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 116, 71);  
box-shadow:4px 4px 4px 4px rgb(75, 116,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 98.6110, -13.6122, -20.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 116, 71) }
```

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

```
.background{ background-color: rgb(75, 116,  
71) }
```

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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