

Converting Colors

YUV(98.0110, -20.2184, -1.7636)

Have a look what the booklet for
YUV(98.0110, -20.2184, -1.7636)
contains.

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Color

**YUV(98.0110, -20.2184,
-1.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	606B39
RGB	96, 107, 57
RGB Percent	38%, 42%, 22%
CMY	0.6235, 0.5804, 0.7765
CMYK	0.10, 0.00, 0.47, 0.58
HSL	73°, 30%, 32%
HSV	73°, 47%, 42%
XYZ	10.8201, 13.2976, 5.8673
YIQ	98.0110, 9.4940, -17.8820

Conversions

Conversions Part 2

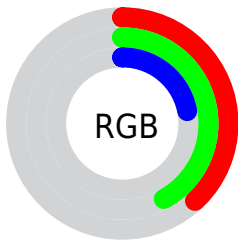
Format	Color
RYB	57, 107, 68
Decimal	6318905
CIELab	43.21, -12.88, 26.54
CIElCh	43, 29.502, 115.890
Yxy	13.2976, 0.3609, 0.4435
Android (android.graphics.Color)	4284508985 (0xFF606B39)
YUV	98.0110, -20.2184, -1.7636
Hunter-Lab	36.4659, -10.8511, 15.9864

Details

The YUV color **98.0110, -20.2184, -1.7636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **65.9890, 20.2184, 1.7636**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9680, -21.6762, -0.8489**, and **50.9400, -19.1974, -2.5784** is the 20% darker color. If you saturate the color by 10%, you get **96.1590, -24.7284, -1.8934**, and if you desaturate by 10%, it is **99.8630, -15.7085, -1.6339**.

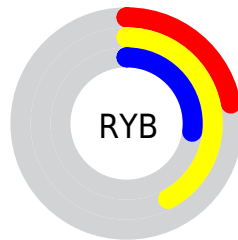
Distribution



Red (38%)

Green (42%)

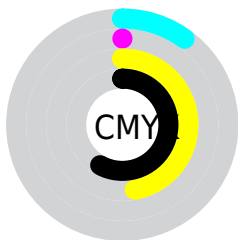
Blue (22%)



Red (22%)

Yellow (42%)

Blue (27%)

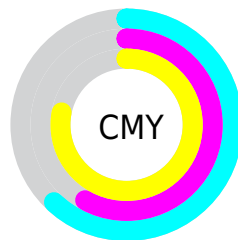


Cyan (10%)

Magenta (0%)

Yellow (47%)

Black (58%)



Cyan (62%)

Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0110, -20.2184, -1.7636 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 98.0110, -20.2184, -1.7636 by changing the saturation by 10% instead.

■ 98.0110, -20.2184,
-1.7636

■ 98.0110, -20.2184,
-1.7636

■ 255.0000, 0.0000,
0.0000

■ 74.1250, -19.7816,
-1.8636

■ 148.9680,
-21.6762, -0.8489

■ 50.9400, -19.1974,
-2.5784

■ 175.5550,
-21.9656, -1.3637

■ 30.3790, -14.9768,
-2.9634

■ 203.3270,
-22.8392, -1.1638

■ 11.1530, -5.4984,
-9.7812

■ 231.2130,
-23.2760, -1.0638

■ 0.0000, 0.0000,
0.0000

■ 250.0980,
-18.7823, 4.2991

■ 253.2900, -6.5520,

1.4997

■ 98.0110, -20.2184,
-1.7636

■ 98.0110, -20.2184,
-1.7636

■ 96.1590, -24.7284,
-1.8934

■ 99.8630, -15.7085,
-1.6339

■ 94.1220, -28.6541,
-2.7380

■ 101.9000,
-11.7827, -0.7893

■ 92.2700, -33.1641,
-2.8678

■ 103.7520, -7.2727,
-0.6595

■ 90.4180, -37.6741,
-2.9976

■ 105.6040, -2.7628,
-0.5297

■ 88.2670, -42.0366,
-3.7422

■ 107.6410, 1.1630,
0.3148

■ 87.6260, -43.1996,
-4.0570

■ 109.4930, 5.6730,
0.4446

■ 111.3450, 10.1829,
0.5744

■ 113.4960, 14.5455,
1.3190

■ 115.2340, 18.6186,
1.5488

Harmonies

Analogous

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



100.0350, -23.1883, 17.5093



98.0110, -20.2184, -1.7636



94.2130, -9.9650, -23.8658

Triad

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



98.0110, -20.2184, -1.7636



81.9320, 29.6135, -71.8544



104.4590, 0.7597, 36.4315

Complementary

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



98.0110, -20.2184, -1.7636



65.9890, 20.2184, 1.7636

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.



105.0470, 12.3018, 21.0068



98.0110, -20.2184, -1.7636



96.3650, 26.4421, -34.5231

Square

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



98.0110, -20.2184, -1.7636



81.5270, 20.4462, -71.4992



103.1840, 21.1083, -3.6694



103.2070, -10.4551, 40.1605

Rectangle

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



98.0110, -20.2184, -1.7636



89.9210, -0.4541, -41.1497



103.1840, 21.1083, -3.6694



104.8760, 4.9911, 32.5577

Sweetspot

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



98.0110, -20.2184, -1.7636



136.6380, -7.7095, -0.5595



78.4070, -10.5537, 25.0761



69.0340, -4.9468, -0.0298



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



98.0110, -20.2184, -1.7636



126.0250, -31.5643, -2.6529



90.5360, -16.5332, -17.1331



52.7180, -2.3260, -0.6297



95.8880, -47.2728, -4.2868



200.9240, -99.0555, -8.7033

Inverse Universe

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



65.9890, 20.2184, 1.7636



75.9750, 31.5643, 2.6529



73.4640, 16.5332, 17.1331



48.9830, 2.4734, 0.0149



21.1120, 47.2728, 4.2868



44.0760, 99.0555, 8.7033

Previews

White Background



This preview shows how the YUV color 98.0110, -20.2184, -1.7636 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 98.0110, -20.2184, -1.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

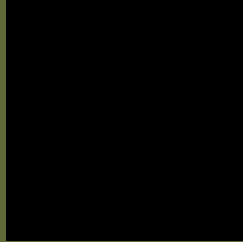
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0110, -20.2184, -1.7636

Background



This preview shows how black text looks on a background with the YUV color 98.0110, -20.2184, -1.7636.



This preview shows how white text looks on a background with the YUV color 98.0110, -20.2184,

-1.7636.

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

98.0110, -20.2184, -1.7636

Protanopia

99.6320, -22.0036, 10.8467

Deuteranopia

100.7410, -20.5783, 20.3981



Tritanopia

102.2110, 3.3470, -0.1850

Trichromacy



Original Color

98.0110, -20.2184, -1.7636

Protanomaly

99.1260, -21.2611, 6.0285

Deuteranomaly

99.9850, -20.6986, 12.2912

Tritanomaly

100.6210, -5.2362, -0.5446

Monochromacy



Original Color

98.0110, -20.2184, -1.7636

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7520, -7.2727, -0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0110, -20.2184, -1.7636 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(96, 107, 57)` looks like.

```
.text, #text, p{  
    color:rgb(96, 107, 57)  
}
```

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(96, 107, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 107, 57) }
```

Border

The CSS property to change the border of an element to YUV 98.0110, -20.2184, -1.7636 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(96, 107, 57) }
```


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

```
.border{ border-color:rgb(96, 107, 57) }
```

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

Here you see how a box with a 4 pixel rgb(96, 107, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 107, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 107, 57);  
box-shadow:4px 4px 4px 4px rgb(96, 107,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 98.0110, -20.2184, -1.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 107, 57) }
```

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

```
.background{ background-color: rgb(96, 107,  
57) }
```

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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