

Converting Colors

YUV(100.0110, -20.2184,
-1.7636)

Have a look what the booklet for
YUV(100.0110, -20.2184, -1.7636)
contains.

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Color

**YUV(100.0110, -20.2184,
-1.7636)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 626D3B |
| RGB | 98, 109, 59 |
| RGB Percent | 38%, 43%, 23% |
| CMY | 0.6157, 0.5725, 0.7686 |
| CMYK | 0.10, 0.00, 0.46, 0.57 |
| HSL | 73°, 30%, 33% |
| HSV | 73°, 46%, 43% |
| XYZ | 11.2951, 13.8497, 6.2156 |
| YIQ | 100.0110, 9.4940, -17.8820 |

Conversions

Conversions Part 2

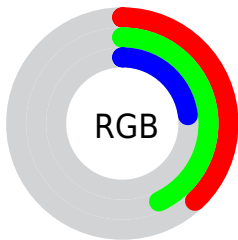
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 59, 109, 70 |
| Decimal | 6450491 |
| CIELab | 44.02, -12.87, 26.47 |
| CIELCh | 44, 29.432, 115.932 |
| Yxy | 13.8497, 0.3602, 0.4416 |
| Android (android.graphics.Color) | 4284640571 (0xFF626D3B) |
| YUV | 100.0110, -20.2184, -1.7636 |
| Hunter-Lab | 37.2152, -10.9507, 16.1481 |

Details

The YUV color **100.0110, -20.2184, -1.7636** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.9890, 20.2184, 1.7636**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9680, -21.6762, -0.8489**, and **52.9400, -19.1974, -2.5784** is the 20% darker color. If you saturate the color by 10%, you get **98.1590, -24.7284, -1.8934**, and if you desaturate by 10%, it is **101.8630, -15.7085, -1.6339**.

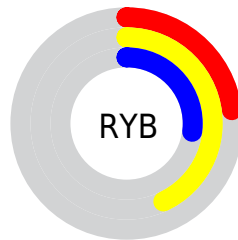
Distribution



Red (38%)

Green (43%)

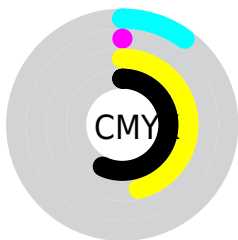
Blue (23%)



Red (23%)

Yellow (43%)

Blue (27%)

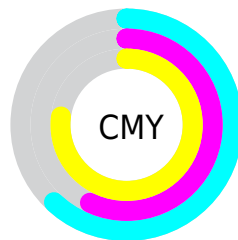


Cyan (10%)

Magenta (0%)

Yellow (46%)

Black (57%)



Cyan (62%)

Magenta (57%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0110, -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 100.0110, -20.2184, -1.7636 by changing the saturation by 10% instead.

100.0110,
-20.2184, -1.7636

100.0110,
-20.2184, -1.7636

255.0000, 0.0000,
0.0000

76.1250, -19.7816,
-1.8636

150.9680,
-21.6762, -0.8489

52.9400, -19.1974,
-2.5784

177.8540,
-22.1130, -0.7490

32.1510, -15.8504,
-2.7634

205.3270,
-22.8392, -1.1638

12.3270, -6.0772,
-10.8108

234.0990,
-23.7128, -0.9638

0.0000, 0.0000,
0.0000

250.3260,
-17.9087, 4.0991

253.6320, -5.2416,

1.1997

■ 100.0110,
-20.2184, -1.7636

■ 100.0110,
-20.2184, -1.7636

■ 98.1590, -24.7284,
-1.8934

■ 101.8630,
-15.7085, -1.6339

■ 96.0080, -29.0909,
-2.6380

■ 104.0140,
-11.3459, -0.8893

■ 94.1560, -33.6009,
-2.7678

■ 105.8660, -6.8359,
-0.7595

■ 92.0050, -37.9635,
-3.5124

■ 108.0170, -2.4734,
-0.0149

■ 90.2670, -42.0366,
-3.7422

■ 109.8690, 2.0366,
0.1149

■ 89.3980, -44.0732,
-3.8570

■ 111.6070, 6.1097,
0.3447

■ 113.7580, 10.4723,
1.0892

■ 115.6100, 14.9823,
1.2190

■ 117.7610, 19.3448,
1.9636

Harmonies

Analogous

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



102.3340, -23.3357, 18.1241



100.0110, -20.2184, -1.7636



96.2130, -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.



100.0110, -20.2184, -1.7636



83.3340, 29.9083, -73.0839



106.4590, 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.



100.0110, -20.2184, -1.7636



67.9890, 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.



107.3460, 12.1544, 21.6216



100.0110, -20.2184, -1.7636



98.3650, 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.



100.0110, -20.2184, -1.7636



82.9290, 20.7410, -72.7287



105.4830, 20.9609, -3.0546



105.2070, -10.4551, 40.1605

Rectangle

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



100.0110, -20.2184, -1.7636



92.2200, -0.6015, -40.5349



105.4830, 20.9609, -3.0546



106.8760, 4.9911, 32.5577

Sweetspot

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



100.0110, -20.2184, -1.7636



139.2250, -7.9989, -1.0743



80.4070, -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.



100.0110, -20.2184, -1.7636



128.9110, -32.0011, -2.5529



92.5360, -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.



67.9890, 20.2184, 1.7636



78.3880, 31.8537, 3.1677



75.4640, 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 100.0110, -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 100.0110, -20.2184, -1.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

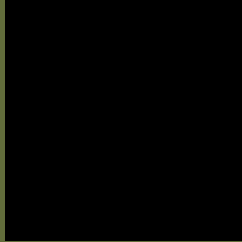
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.0110, -20.2184, -1.7636

Background



This preview shows how black text looks on a background with the YUV color 100.0110, -20.2184, -1.7636.



This preview shows how white text looks on a background with the YUV color 100.0110, -20.2184, -1.7636.

-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

100.0110, -20.2184, -1.7636

Protanopia

101.6320, -22.0036, 10.8467

Deuteranopia

102.7410, -20.5783, 20.3981



Tritanopia

104.2110, 3.3470, -0.1850

Trichromacy



Original Color

100.0110, -20.2184, -1.7636

Protanomaly

101.1260, -21.2611, 6.0285

Deuteranomaly

101.9850, -20.6986, 12.2912

Tritanomaly

102.6210, -5.2362, -0.5446

Monochromacy



Original Color

100.0110, -20.2184, -1.7636

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.7520, -7.2727, -0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0110, -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(98, 109, 59)` looks like.

```
.text, #text, p{  
    color:rgb(98, 109, 59)  
}
```

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(98, 109, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 109, 59) }
```

Border

The CSS property to change the border of an element to YUV 100.0110, -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(98, 109, 59) }
```


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

```
.border{ border-color:rgb(98, 109, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 109, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 109, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 109, 59);  
box-shadow:4px 4px 4px 4px rgb(98, 109,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 100.0110, -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(98, 109, 59) }
```

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

```
.background{ background-color: rgb(98, 109,  
59) }
```

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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