

Converting Colors

YUV(95.7150, -18.1005,
-27.8141)

Have a look what the booklet for
YUV(95.7150, -18.1005, -27.8141)
contains.

YUV(95.7150, -18.1005, -27.8141)	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(95.7150, -18.1005,
-27.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	40773B
RGB	64, 119, 59
RGB Percent	25%, 47%, 23%
CMY	0.7490, 0.5333, 0.7686
CMYK	0.46, 0.00, 0.50, 0.53
HSL	115°, 34%, 35%
HSV	115°, 50%, 47%
XYZ	9.5006, 14.5994, 6.4549
YIQ	95.7150, -13.5200, -30.3200

Conversions

Conversions Part 2

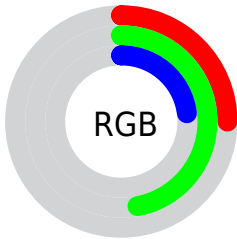
Format	Color
R_{YB}	59, 119, 114
Decimal	4224827
CIE _{Lab}	45.08, -31.23, 27.33
CIE _{LCh}	45, 41.500, 138.815
Y _{xy}	14.5994, 0.3109, 0.4778
Android (android.graphics.Color)	4282414907 (0xFF40773B)
YUV	95.7150, -18.1005, -27.8141
Hunter-Lab	38.2092, -22.4826, 16.7302

Details

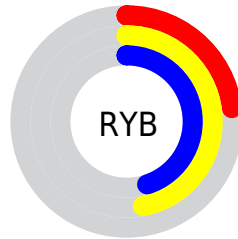
The YUV color **95.7150, -18.1005, -27.8141** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **82.2850, 18.1005, 27.8141**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6610, -19.5529, -28.6437**, and **44.9640, -15.7583, -32.4174** is the 20% darker color. If you saturate the color by 10%, you get **91.0580, -21.7206, -33.3769**, and if you desaturate by 10%, it is **100.3720, -14.4804, -22.2512**.

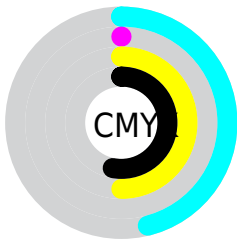
Distribution



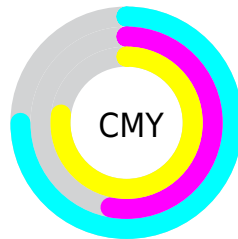
- Red (25%)
- Green (47%)
- Blue (23%)



- Red (23%)
- Yellow (47%)
- Blue (45%)



- Cyan (46%)
- Magenta (0%)
- Yellow (50%)
- Black (53%)



- Cyan (75%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.7150, -18.1005, -27.8141 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 95.7150, -18.1005, -27.8141 by changing the saturation by 10% instead.

■ 95.7150, -18.1005,
-27.8141

■ 95.7150, -18.1005,
-27.8141

255.0000, 0.0000,
0.0000

■ 70.6440, -17.0795,
-28.6288

■ 147.6610,
-19.5529, -28.6437

■ 44.9640, -15.7583,
-32.4174

■ 174.4330,
-20.4265, -28.4437

■ 27.5890, -13.6014,
-24.1956

■ 202.0200,
-20.7159, -28.9585

■ 15.2620, -7.5242,
-13.3848

■ 229.9060,
-21.1527, -28.8586

■ 0.0000, 0.0000,
0.0000

■ 241.7690,
-13.1971, -13.8294

■ 253.6320, -5.2416,

1.1997

■ 95.7150, -18.1005,
-27.8141

■ 95.7150, -18.1005,
-27.8141

■ 91.0580, -21.7206,
-33.3769

■ 100.3720,
-14.4804, -22.2512

■ 86.4010, -25.3407,
-38.9397

■ 105.0290,
-10.8603, -16.6884

■ 81.7440, -28.9608,
-44.5025

■ 109.6860, -7.2402,
-11.1256

■ 77.0870, -32.5809,
-50.0653

■ 114.3430, -3.6201,
-5.5628

■ 72.8430, -35.9116,
-55.1133

■ 118.8860, -0.4368,
0.1000

■ 123.2440, 3.3307,
5.0480

■ 127.9010, 6.9508,
10.6108

■ 132.5580, 10.5709,
16.1736

■ 137.2150, 14.1910,
21.7364

Harmonies

Analogous

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



101.3570, -31.7280, 3.1949



95.7150, -18.1005, -27.8141



82.6890, 4.5903, -72.5183

Triad

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



95.7150, -18.1005, -27.8141



86.7540, 43.0123, -76.0833



106.1320, -9.9251, 56.8892

Complementary

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



95.7150, -18.1005, -27.8141



82.2850, 18.1005, 27.8141

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.



108.0290, 6.3947, 49.0866



95.7150, -18.1005, -27.8141



105.7830, 32.6450, -17.3497

Square

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



95.7150, -18.1005, -27.8141



89.0390, 33.9978, -78.0872



110.3490, 21.0269, 22.4959



105.2930, -24.3014, 47.9780

Rectangle

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



95.7150, -18.1005, -27.8141



86.0120, 14.7841, -75.4325



110.3490, 21.0269, 22.4959



106.6140, -4.2467, 55.5895

Sweetspot

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



95.7150, -18.1005, -27.8141



146.6860, -7.2402, -11.1256



109.2250, -24.7609, 8.5727



73.5170, -4.1989, -6.5924



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



95.7150, -18.1005, -27.8141



119.1570, -28.6714, -43.9877



97.0700, -6.4435, -33.3874



56.5220, -1.7363, -3.0888



74.6040, -36.7798, -56.6577



153.0290, -75.4433, -115.7894

Inverse Universe

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



82.2850, 18.1005, 27.8141



97.8430, 28.6714, 43.9877



80.9300, 6.4435, 33.3874



55.1790, 1.8838, 2.4740



47.3960, 36.7798, 56.6577



96.9710, 75.4433, 115.7894

Previews

White Background



This preview shows how the YUV color 95.7150, -18.1005, -27.8141 looks on a white background.

Color Contrast Check

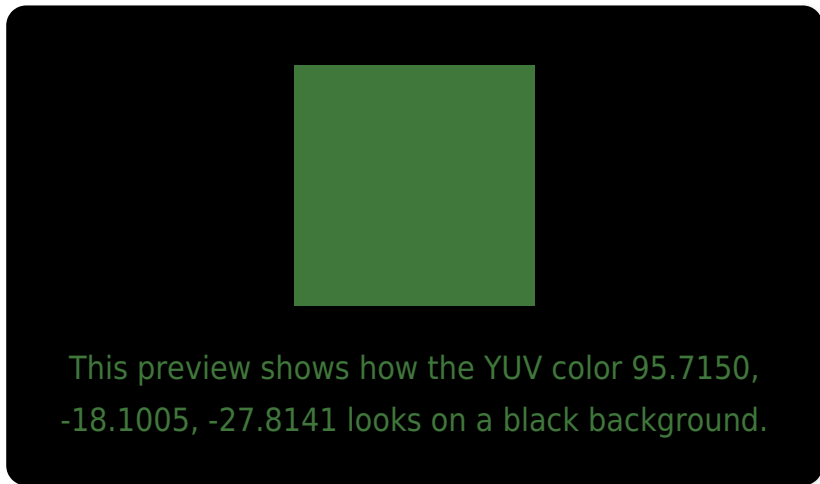
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 95.7150, -18.1005, -27.8141

Background



This preview shows how black text looks on a background with the YUV color 95.7150, -18.1005, -27.8141.



This preview shows how white text looks on a background with the YUV color 95.7150, -18.1005, -27.8141.

-27.8141.

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

95.7150, -18.1005, -27.8141

Protanopia

103.4750, -23.8982, 11.8614

Deuteranopia

105.0400, -20.7257, 21.0129



Tritanopia

102.2620, 9.2378, -23.0318

Trichromacy



Original Color

95.7150, -18.1005, -27.8141

Protanomaly

100.8430, -22.1076, -2.4933

Deuteranomaly

101.8590, -19.6505, 2.7547

Tritanomaly

100.2050, -1.0871, -24.7358

Monochromacy



Original Color

95.7150, -18.1005, -27.8141

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6260, -6.2246, -10.1960

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.7150, -18.1005, -27.8141 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(64, 119, 59)` looks like.

```
.text, #text, p{  
    color:rgb(64, 119, 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(64, 119, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 119, 59) }
```

Border

The CSS property to change the border of an element to YUV 95.7150, -18.1005, -27.8141 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(64, 119, 59) }
```


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

```
.border{ border-color:rgb(64, 119, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 119, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 119, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 119, 59);  
box-shadow:4px 4px 4px 4px rgb(64, 119,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 95.7150, -18.1005, -27.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 119, 59) }
```

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

```
.background{ background-color: rgb(64, 119,  
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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