

Converting Colors

YUV(25.9760, -6.8902, 16.6840)

Have a look what the booklet for
YUV(25.9760, -6.8902, 16.6840)
contains.

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Color

**YUV(25.9760, -6.8902,
16.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	2D130C
RGB	45, 19, 12
RGB Percent	18%, 7%, 5%
CMY	0.8235, 0.9255, 0.9529
CMYK	0.00, 0.58, 0.73, 0.82
HSL	13°, 58%, 11%
HSV	13°, 73%, 18%
XYZ	1.3814, 1.0502, 0.4777
YIQ	25.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

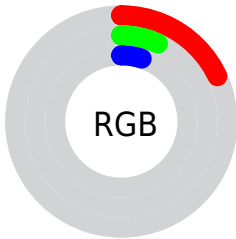
Format	Color
RYB	45, 21, 12
Decimal	2953996
CIELab	9.40, 12.53, 9.38
CIELCh	9, 15.648, 36.822
Yxy	1.0502, 0.4748, 0.3610
Android (android.graphics.Color)	4281144076 (0xFF2D130C)
YUV	25.9760, -6.8902, 16.6840
Hunter-Lab	10.2478, 6.1284, 4.4096

Details

The YUV color **25.9760, -6.8902, 16.6840** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **31.0240, 6.8902, -16.6840**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.1720, -7.4798, 19.1432**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.0580, -7.9166, 19.2431**, and if you desaturate by 10%, it is **28.7800, -6.3005, 14.2249**.

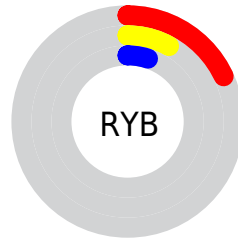
Distribution



Red (18%)

Green (7%)

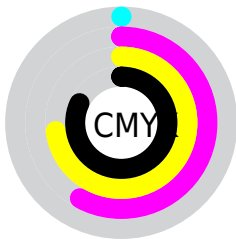
Blue (5%)



Red (18%)

Yellow (8%)

Blue (5%)

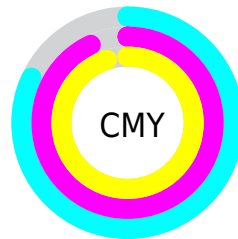


Cyan (0%)

Magenta (58%)

Yellow (73%)

Black (82%)



Cyan (82%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.9760, -6.8902, 16.6840 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 25.9760, -6.8902, 16.6840 by changing the saturation by 10% instead.

■ 25.9760, -6.8902,
16.6840

■ 25.9760, -6.8902,
16.6840

■ 246.3770, -5.1159,
7.5624

■ 6.5780, -3.2430,
13.5251

■ 70.1720, -7.4798,
19.1432

■ 0.0000, 0.0000,
0.0000

■ 94.0690, -7.9220,
20.9875

■ 118.6670, -8.2168,
22.2170

■ 144.8520, -8.8010,
22.9318

■ 171.1510, -8.9484,
23.5466

■ 198.7490, -9.2433,

24.7761

■ 226.6350, -9.6801,
24.8761

■ 25.9760, -6.8902,
16.6840

■ 25.9760, -6.8902,
16.6840

■ 23.0580, -7.9166,
19.2431

■ 28.7800, -6.3005,
14.2249

■ 20.8410, -8.7956,
21.1874

■ 31.1110, -4.9847,
12.1807

■ 19.3250, -9.5272,
22.5170

■ 34.0290, -3.9583,
9.6216

■ 36.2460, -3.0793,
7.6773

■ 39.1640, -2.0529,
5.1182

■ 41.3810, -1.1738,
3.1739

■ 44.2990, -0.1474,
0.6148

■ 46.5160, 0.7316,
-1.3295

■ 49.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



26.4690, -1.2172, 17.1287



25.9760, -6.8902, 16.6840



25.4610, -12.5523, 12.7507

Triad

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



25.9760, -6.8902, 16.6840



21.0320, -1.9878, -15.8141



24.7950, 10.9471, -11.2212

Complementary

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



25.9760, -6.8902, 16.6840



31.0240, 6.8902, -16.6840

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.



22.7400, 10.9742, -19.9430



25.9760, -6.8902, 16.6840



21.9760, 2.9698, -19.2730

Square

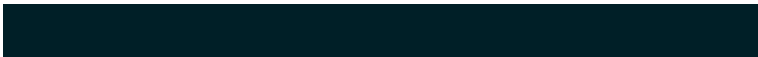
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.9760, -6.8902, 16.6840



23.3450, -10.0301, -2.9336



22.6430, 8.0640, -19.8579



27.3730, 7.7041, 2.3039

Rectangle

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



25.9760, -6.8902, 16.6840



25.1400, -12.3940, 8.6472



22.6430, 8.0640, -19.8579



22.9900, 11.8369, -16.6542

Sweetspot

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



25.9760, -6.8902, 16.6840



51.0610, -2.4951, 6.9625



24.8310, 6.4923, 17.6882



25.9790, -1.4686, 4.4034



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



25.9760, -6.8902, 16.6840



29.0050, -10.8485, 26.3056



35.3680, -11.5204, 8.4473



21.5980, -0.2948, 1.2296



36.5790, -18.0334, 44.2192



90.4010, -44.5677, 108.3963

Inverse Universe

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



31.0240, 6.8902, -16.6840



36.9950, 10.8485, -26.3056



21.6320, 11.5204, -8.4473



21.8150, 0.5842, -0.7148



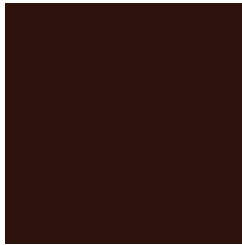
49.8340, 18.3228, -43.7044



123.5990, 44.5677, -108.3963

Previews

White Background



This preview shows how the YUV color 25.9760, -6.8902, 16.6840 looks on a white background.

Color Contrast Check

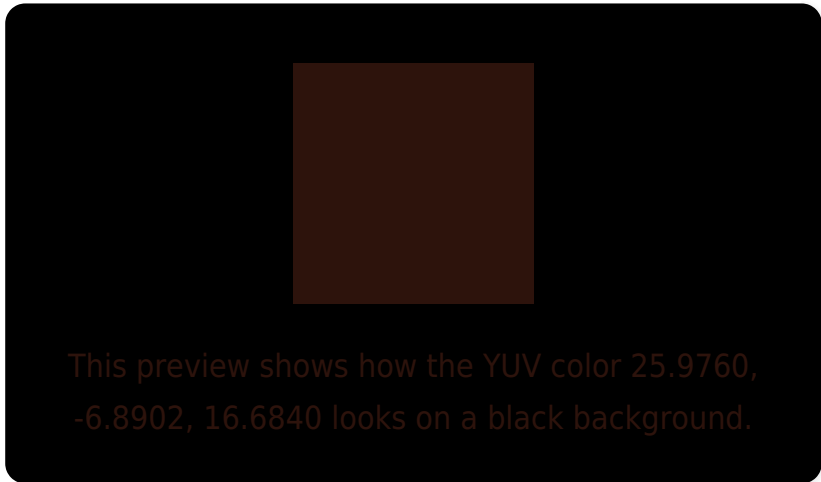
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

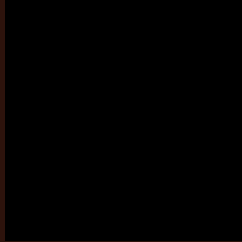
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 25.9760, -6.8902, 16.6840

Background



This preview shows how black text looks on a background with the YUV color 25.9760, -6.8902, 16.6840.



This preview shows how white text looks on a background with the YUV color 25.9760, -6.8902,

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

25.9760, -6.8902, 16.6840

Protanopia

26.5290, -5.6838, 3.0441

Deuteranopia

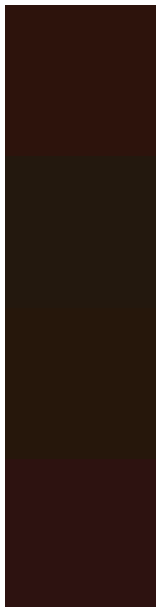
26.5680, -8.1680, 6.5179



Tritanopia

26.1870, -3.5432, 16.4990

Trichromacy



Original Color

25.9760, -6.8902, 16.6840

Protanomaly

26.1490, -5.9895, 7.7623

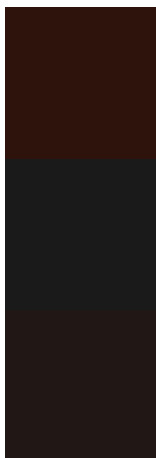
Deuteranomaly

26.1170, -7.4527, 10.4214

Tritanomaly

25.8450, -4.8536, 16.7989

Monochromacy



Original Color

25.9760, -6.8902, 16.6840

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.7620, -2.3477, 6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.9760, -6.8902, 16.6840 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(45, 19, 12)` looks like.

```
.text, #text, p{  
    color:rgb(45, 19, 12)  
}
```

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(45, 19, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 19, 12) }
```

Border

The CSS property to change the border of an element to YUV 25.9760, -6.8902, 16.6840 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(45, 19, 12) }
```


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

```
.border{ border-color:rgb(45, 19, 12) }
```

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

Here you see how a box with a 4 pixel rgb(45, 19, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 19, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 19, 12);  
box-shadow:4px 4px 4px 4px rgb(45, 19, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.9760, -6.8902, 16.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 19, 12) }
```

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

```
.background{ background-color: rgb(45, 19,  
12) }
```

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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