

Converting Colors

YUV(96.8760, -25.5749,
-10.4153)

Have a look what the booklet for
YUV(96.8760, -25.5749, -10.4153)
contains.

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Color

**YUV(96.8760, -25.5749,
-10.4153)**

Conversions

Conversions Part 1

Format	Color
Hex	55712D
RGB	85, 113, 45
RGB Percent	33%, 44%, 18%
CMY	0.6667, 0.5569, 0.8235
CMYK	0.25, 0.00, 0.60, 0.56
HSL	85°, 43%, 31%
HSV	85°, 60%, 44%
XYZ	10.1251, 13.9310, 4.6379
YIQ	96.8760, 5.1400, -27.0840

Conversions

Conversions Part 2

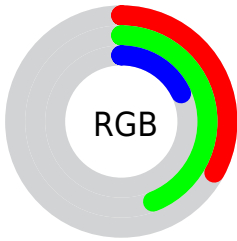
Format	Color
R_{YB}	45, 113, 73
Decimal	5599533
CIE Lab	44.13, -22.17, 33.83
CIE LCh	44, 40.451, 123.243
Yxy	13.9310, 0.3529, 0.4855
Android (android.graphics.Color)	4283789613 (0xFF55712D)
YUV	96.8760, -25.5749, -10.4153
Hunter-Lab	37.3243, -16.8951, 18.7596

Details

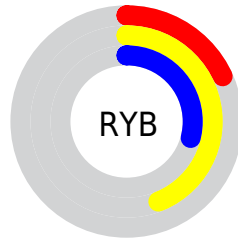
The YUV color **96.8760, -25.5749, -10.4153** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61.1240, 25.5749, 10.4153**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4200, -27.3221, -10.0153**, and **49.2180, -24.2645, -10.7152** is the 20% darker color. If you saturate the color by 10%, you get **94.1270, -29.6426, -12.3894**, and if you desaturate by 10%, it is **99.6250, -21.5071, -8.4411**.

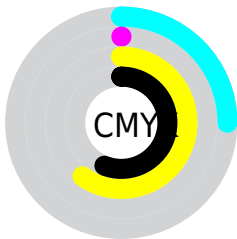
Distribution



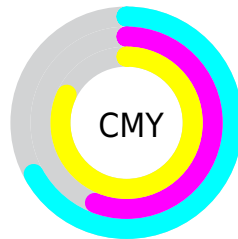
- Red (33%)
- Green (44%)
- Blue (18%)



- Red (18%)
- Yellow (44%)
- Blue (29%)



- Cyan (25%)
- Magenta (0%)
- Yellow (60%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.8760, -25.5749, -10.4153 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 96.8760, -25.5749, -10.4153 by changing the saturation by 10% instead.

■ 96.8760, -25.5749,
-10.4153

■ 96.8760, -25.5749,
-10.4153

■ 255.0000, 0.0000,
0.0000

■ 71.9900, -25.1381,
-10.5152

■ 148.4200,
-27.3221, -10.0153

■ 49.2180, -24.2645,
-10.7152

■ 175.0070,
-27.6115, -10.5301

■ 28.8290, -14.2127,
-14.7590

■ 202.7790,
-28.4850, -10.3302

■ 13.5010, -6.6560,
-11.8404

■ 231.2520,
-29.2112, -10.7450

■ 0.0000, 0.0000,
0.0000

■ 246.5230,
-23.4288, 1.2953

■ 251.9220,

-11.7935, 2.6994

■ 96.8760, -25.5749,
-10.4153

■ 96.8760, -25.5749,
-10.4153

■ 94.1270, -29.6426,
-12.3894

■ 99.6250, -21.5071,
-8.4411

■ 91.5630, -34.2946,
-13.6488

■ 102.1890,
-16.8552, -7.1818

■ 88.8140, -38.3623,
-15.6229

■ 104.9380,
-12.7874, -5.2076

■ 86.0650, -42.4300,
-17.5970

■ 107.6870, -8.7197,
-3.2335

■ 110.2510, -4.0677,
-1.9741

■ 113.0000, 0.0000,
0.0000

■ 115.7490, 4.0677,
1.9741

■ 118.1990, 8.2829,
3.3335

■ 121.0620, 12.7874,
5.2076

Harmonies

Analogous

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



100.6900, -33.3712, 16.9349



96.8760, -25.5749, -10.4153



88.6400, -7.7105, -47.0423

Triad

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



96.8760, -25.5749, -10.4153



86.7880, 38.0655, -76.1131



104.4010, -1.1837, 53.1453

Complementary

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



96.8760, -25.5749, -10.4153



61.1240, 25.5749, 10.4153

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.



107.1890, 13.7108, 35.7912



96.8760, -25.5749, -10.4153



94.8610, 37.5365, -46.3591

Square

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



96.8760, -25.5749, -10.4153



86.4000, 26.4248, -75.7728



106.7210, 26.7595, 3.7527



103.2750, -16.8976, 53.2558

Rectangle

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



96.8760, -25.5749, -10.4153



81.2700, 6.7689, -71.2738



106.7210, 26.7595, 3.7527



105.3450, 3.7739, 49.6864

Sweetspot

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



96.8760, -25.5749, -10.4153



141.6330, -10.1721, -4.0631



81.1810, -17.8372, 27.9053



70.0830, -5.9569, -2.7038



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.8760, -25.5749, -10.4153



122.6460, -40.2515, -16.3525



87.0090, -20.7104, -30.7029



54.7180, -2.3260, -0.6297



91.6690, -45.1928, -18.1267



188.6430, -93.0010, -37.3979

Inverse Universe

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



61.1240, 25.5749, 10.4153



66.3540, 40.2515, 16.3525



70.9910, 20.7104, 30.7029



51.5810, 2.1786, 1.2445



28.3310, 45.1928, 18.1267



58.6560, 92.8536, 38.0127

Previews

White Background



This preview shows how the YUV color 96.8760, -25.5749, -10.4153 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 96.8760, -25.5749, -10.4153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

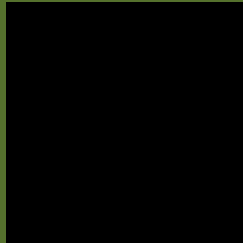
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.8760, -25.5749, -10.4153

Background



This preview shows how black text looks on a background with the YUV color 96.8760, -25.5749, -10.4153.



This preview shows how white text looks on a background with the YUV color 96.8760, -25.5749, -10.4153.

-10.4153.

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

96.8760, -25.5749, -10.4153

Protanopia

100.5200, -28.8504, 13.5760

Deuteranopia

101.9710, -26.1147, 22.8274



Tritanopia

103.3240, 5.2633, -8.1771

Trichromacy



Original Color

96.8760, -25.5749, -10.4153

Protanomaly

99.1060, -27.6603, 5.1690

Deuteranomaly

100.0080, -25.6399, 10.5170

Tritanomaly

101.3380, -6.0826, -9.0664

Monochromacy



Original Color

96.8760, -25.5749, -10.4153

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1600, -9.4459, -3.6483

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8760, -25.5749, -10.4153 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(85, 113, 45)` looks like.

```
.text, #text, p{  
    color:rgb(85, 113, 45)  
}
```

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(85, 113, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 113, 45) }
```

Border

The CSS property to change the border of an element to YUV 96.8760, -25.5749, -10.4153 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(85, 113, 45) }
```


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

```
.border{ border-color:rgb(85, 113, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 113, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 113, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 113, 45);  
box-shadow:4px 4px 4px 4px rgb(85, 113,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 96.8760, -25.5749, -10.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 113, 45) }
```

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

```
.background{ background-color: rgb(85, 113,  
45) }
```

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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