

Converting Colors

YUV(96.6460, -13.1365,
13.4655)

Have a look what the booklet for
YUV(96.6460, -13.1365, 13.4655)
contains.

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Color

**YUV(96.6460, -13.1365,
13.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	705E46
RGB	112, 94, 70
RGB Percent	44%, 37%, 27%
CMY	0.5608, 0.6314, 0.7255
CMYK	0.00, 0.16, 0.37, 0.56
HSL	34°, 23%, 36%
HSV	34°, 37%, 44%
XYZ	11.7903, 11.8923, 7.4684
YIQ	96.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

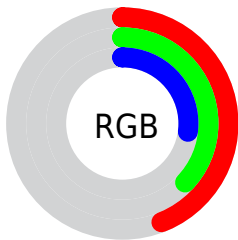
Format	Color
RYB	102, 112, 70
Decimal	7364166
CIELab	41.04, 3.48, 16.48
CIELCh	41, 16.847, 78.074
Yxy	11.8923, 0.3785, 0.3818
Android (android.graphics.Color)	4285554246 (0xFF705E46)
YUV	96.6460, -13.1365, 13.4655
Hunter-Lab	34.4853, 0.6787, 11.2994

Details

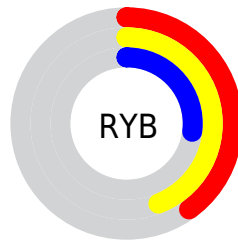
The YUV color $96.6460, -13.1365, 13.4655$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $85.3540, 13.1365, -13.4655$, and the grayscale version is $97.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $147.4290, -14.0155, 15.4098$, and $49.9770, -11.8207, 11.4212$ is the 20% darker color. If you saturate the color by 10%, you get $92.4570, -16.4943, 17.1392$, and if you desaturate by 10%, it is $100.8350, -9.7787, 9.7917$.

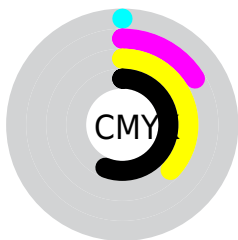
Distribution



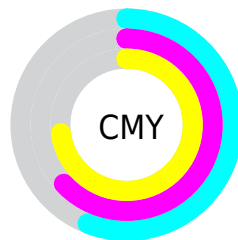
- Red (44%)
- Green (37%)
- Blue (27%)



- Red (40%)
- Yellow (44%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6460, -13.1365, 13.4655 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 96.6460, -13.1365, 13.4655 by changing the saturation by 10% instead.

■ 96.6460, -13.1365,
13.4655

■ 96.6460, -13.1365,
13.4655

■ 255.0000, 0.0000,
0.0000

■ 72.4610, -12.5523,
12.7507

■ 147.4290,
-14.0155, 15.4098

■ 49.9770, -11.8207,
11.4212

■ 174.2010,
-14.8891, 15.6097

■ 28.1080, -13.8572,
11.3063

■ 201.5000,
-15.0365, 16.2245

■ 4.7730, -2.3531,
8.0921

■ 229.6850,
-15.6207, 16.9393

■ 0.0000, 0.0000,
0.0000

■ 251.6940,
-12.6671, 2.8994

■ 96.6460, -13.1365,
13.4655

■ 96.6460, -13.1365,
13.4655

■ 92.4570, -16.4943,
17.1392

■ 100.8350, -9.7787,
9.7917

■ 88.2680, -19.8521,
20.8130

■ 105.0240, -6.4208,
6.1180

■ 84.5520, -23.9361,
24.0719

■ 108.7400, -2.3368,
2.8590

■ 80.3630, -27.2940,
27.7456

■ 112.9290, 1.0210,
-0.8147

■ 76.1740, -30.6518,
31.4194

■ 117.1180, 4.3788,
-4.4885

■ 71.9850, -34.0096,
35.0932

■ 121.3070, 7.7366,
-8.1622

■ 71.0560, -35.0306,
35.9079

■ 125.4960, 11.0945,
-11.8360

■ 129.2120, 15.1785,

-15.0949

■ 133.4010, 18.5363,
-18.7687

Harmonies

Analogous

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



98.0860, -10.3954, 20.9726



96.6460, -13.1365, 13.4655



95.3950, -12.5197, 2.2846

Triad

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



96.6460, -13.1365, 13.4655



90.6480, 7.0755, -29.5093



98.5310, 8.1192, 9.1813

Complementary

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



96.6460, -13.1365, 13.4655



85.3540, 13.1365, -13.4655

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.



97.2950, 12.6726, -4.6437



96.6460, -13.1365, 13.4655



91.1410, 12.7485, -29.0647

Square

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



96.6460, -13.1365, 13.4655



91.4550, -0.2243, -21.4470



94.2500, 14.1738, -19.5132



98.9900, 1.9769, 19.3028

Rectangle

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



96.6460, -13.1365, 13.4655



94.1490, -9.4405, -5.3927



94.2500, 14.1738, -19.5132



98.6660, 10.0247, 4.6779

Sweetspot

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



96.6460, -13.1365, 13.4655



139.0670, -4.9630, 5.2032



84.6100, 1.6713, 24.0210



70.5120, -3.2104, 3.0590



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.



96.6460, -13.1365, 13.4655



121.1540, -20.2889, 20.9129



106.3150, -17.9033, 2.3547



54.1420, -2.0420, 1.6295



75.7960, -37.3674, 38.7669



156.6200, -77.2137, 79.2633

Inverse Universe

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



85.3540, 13.1365, -13.4655



103.8460, 20.2889, -20.9129



75.6850, 17.9033, -2.3547



52.4450, 1.7526, -2.1443



43.6170, 37.6568, -38.2521



90.3800, 77.2137, -79.2633

Previews

White Background



This preview shows how the YUV color 96.6460, -13.1365, 13.4655 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 96.6460, -13.1365, 13.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

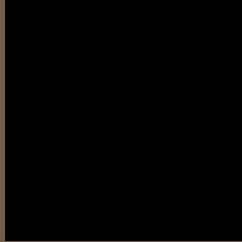
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.6460, -13.1365, 13.4655

Background



This preview shows how black text looks on a background with the YUV color 96.6460, -13.1365, 13.4655.



This preview shows how white text looks on a background with the YUV color 96.6460, -13.1365,

13.4655.

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

96.6460, -13.1365, 13.4655

Protanopia

96.1290, -12.3886, 6.9029

Deuteranopia

96.9560, -13.2893, 15.8246



Tritanopia

98.2730, -0.6276, 14.6696

Trichromacy



Original Color

96.6460, -13.1365, 13.4655

Protanomaly

96.4390, -12.5414, 9.2620

Deuteranomaly

96.6570, -13.1419, 15.2098

Tritanomaly

97.4210, -5.1376, 14.5398

Monochromacy



Original Color

96.6460, -13.1365, 13.4655

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.7680, -4.8156, 4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6460, -13.1365, 13.4655 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(112, 94, 70)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 70)  
}
```

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(112, 94, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 70) }
```

Border

The CSS property to change the border of an element to YUV 96.6460, -13.1365, 13.4655 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(112, 94, 70) }
```


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

```
.border{ border-color:rgb(112, 94, 70) }
```

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

Here you see how a box with a 4 pixel rgb(112, 94, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 70);  
box-shadow:4px 4px 4px 4px rgb(112, 94,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 96.6460, -13.1365, 13.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 70) }
```

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

```
.background{ background-color: rgb(112, 94,  
70) }
```

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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