

Converting Colors

YUV(137.7940, -20.6044,
75.6027)

Have a look what the booklet for
YUV(137.7940, -20.6044, 75.6027)
contains.

YUV(137.7940, -20.6044, 75.6027)	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(137.7940, -20.6044,
75.6027)**

Conversions

Conversions Part 1

Format	Color
Hex	E06660
RGB	224, 102, 96
RGB Percent	88%, 40%, 38%
CMY	0.1216, 0.6000, 0.6235
CMYK	0.00, 0.54, 0.57, 0.12
HSL	3°, 67%, 63%
HSV	3°, 57%, 88%
XYZ	37.6032, 26.1946, 14.1405
YIQ	137.7940, 74.6380, 23.9980

Conversions

Conversions Part 2

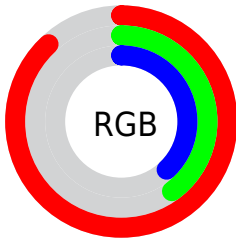
Format	Color
R _Y B	224, 102, 96
Decimal	14706272
CIE Lab	58.22, 47.14, 26.69
CIE LCh	58, 54.166, 29.516
Yxy	26.1946, 0.4825, 0.3361
Android (android.graphics.Color)	4292896352 (0xFFE06660)
YUV	137.7940, -20.6044, 75.6027
Hunter-Lab	51.1806, 41.5805, 19.4454

Details

The YUV color **137.7940, -20.6044, 75.6027** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **182.2060, 20.6044, -75.6027**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.5750, -18.5245, 61.7627**, and **82.6130, -16.0782, 70.4994** is the 20% darker color. If you saturate the color by 10%, you get **122.9590, -24.1368, 88.6130**, and if you desaturate by 10%, it is **152.6290, -17.0721, 62.5924**.

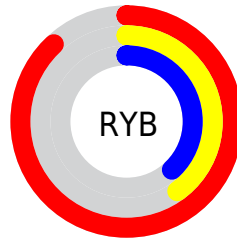
Distribution



Red (88%)

Green (40%)

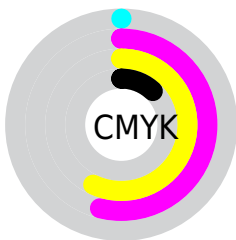
Blue (38%)



Red (88%)

Yellow (40%)

Blue (38%)

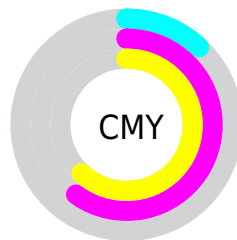


Cyan (0%)

Magenta (54%)

Yellow (57%)

Black (12%)



Cyan (12%)

Magenta (60%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.7940, -20.6044, 75.6027 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 137.7940, -20.6044, 75.6027 by changing the saturation by 10% instead.


 137.7940,
-20.6044, 75.6027

 137.7940,
-20.6044, 75.6027


255.0000, 0.0000,
0.0000


 110.2390,
-18.8518, 73.4584


 184.5750,
-18.5245, 61.7627


 82.6130, -16.0782,
70.4994


 203.9750,
-15.2707, 44.7489


 53.2370, -12.4418,
70.8292

 224.1900,
-11.4327, 27.0204

 31.9650, -13.2937,
64.0517

 244.4050, -7.5947,
9.2918

 22.7240, -11.2029,
46.7231

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 137.7940,
-20.6044, 75.6027

■ 137.7940,
-20.6044, 75.6027

■ 122.9590,
-24.1368, 88.6130

■ 152.6290,
-17.0721, 62.5924

■ 107.4230,
-27.8165, 102.2380

■ 168.1650,
-13.3923, 48.9673

■ 92.5880, -31.3489,
115.2483

■ 183.0000, -9.8600,
35.9570

■ 77.6390, -35.3180,
128.3586

■ 197.9490, -5.8909,
22.8467

■ 73.4330, -36.2025,
132.0473

■ 213.3710, -2.6479,
9.3216

■ 228.2060, 0.8844,
-3.6887

■ 243.1550, 4.8536,
-16.7989

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



139.6300, 1.6614, 73.9925



137.7940, -20.6044, 75.6027



137.0480, -39.4637, 57.8399

Triad

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



137.7940, -20.6044, 75.6027



118.2440, -13.9243, -60.7270



111.9050, 60.6858, -98.1407

Complementary

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



137.7940, -20.6044, 75.6027



182.2060, 20.6044, -75.6027

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.



117.3530, 51.0980, -102.9186



137.7940, -20.6044, 75.6027



111.4130, 13.1074, -97.7092

Square

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



137.7940, -20.6044, 75.6027



129.7330, -38.8154, -10.2898



116.1840, 33.9263, -101.8934



142.1190, 39.8743, -2.7354

Rectangle

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



137.7940, -20.6044, 75.6027



135.6790, -46.6767, 37.9925



116.1840, 33.9263, -101.8934



114.6120, 58.3653, -100.5147

Sweetspot

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



137.7940, -20.6044, 75.6027



226.0310, -6.9173, 25.4058



148.4080, 35.2949, 66.2942



110.3610, -4.1220, 15.4694



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.7940, -20.6044, 75.6027



136.3200, -28.2588, 104.0824



174.1880, -38.5467, 43.6851



104.8760, -1.9109, 6.2477



57.3200, -28.2588, 104.0824



15.5260, -7.6543, 28.4797

Inverse Universe

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



182.2060, 20.6044, -75.6027



197.6800, 28.2588, -104.0824



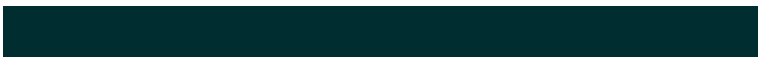
145.8120, 38.5467, -43.6851



108.7110, 1.6215, -6.7625



118.6800, 28.2588, -104.0824



32.4740, 7.6543, -28.4797

Previews

White Background



This preview shows how the YUV color 137.7940, -20.6044, 75.6027 looks on a white background.

Color Contrast Check

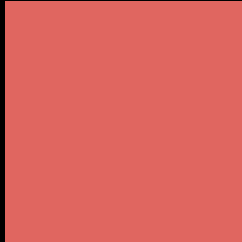
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 137.7940, -20.6044, 75.6027 looks on a black 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

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

YUV 137.7940, -20.6044, 75.6027

Background



This preview shows how black text looks on a background with the YUV color 137.7940, -20.6044, 75.6027.



This preview shows how white text looks on a background with the YUV color 137.7940, -20.6044, 75.6027.

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

137.7940, -20.6044, 75.6027

Protanopia

139.6130, -13.1202, 8.2324

Deuteranopia

139.4490, -24.3784, 25.9162



Tritanopia

138.1730, -15.3683, 76.1473

Trichromacy



Original Color

137.7940, -20.6044, 75.6027

Protanomaly

138.7840, -15.6695, 32.6384

Deuteranomaly

138.6130, -22.9802, 44.1894

Tritanomaly

138.3040, -17.4049, 76.0324

Monochromacy



Original Color

137.7940, -20.6044, 75.6027

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9280, -7.3595, 27.2501

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7940, -20.6044, 75.6027 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(224, 102, 96)` looks like.

```
.text, #text, p{  
    color:rgb(224, 102, 96)  
}
```

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(224, 102, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 102, 96) }
```

Border

The CSS property to change the border of an element to YUV 137.7940, -20.6044, 75.6027 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(224, 102, 96) }
```


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

```
.border{ border-color:rgb(224, 102, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 102, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 102, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 102, 96);  
box-shadow:4px 4px 4px 4px rgb(224, 102,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 137.7940, -20.6044, 75.6027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 102, 96) }
```

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

```
.background{ background-color: rgb(224,  
102, 96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor