

Converting Colors

YUV(86.7660, -22.0696,
-14.7038)

Have a look what the booklet for
YUV(86.7660, -22.0696, -14.7038)
contains.

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Color

**YUV(86.7660, -22.0696,
-14.7038)**

Conversions

Conversions Part 1

Format	Color
Hex	46682A
RGB	70, 104, 42
RGB Percent	27%, 41%, 16%
CMY	0.7255, 0.5922, 0.8353
CMYK	0.33, 0.00, 0.60, 0.59
HSL	93°, 42%, 29%
HSV	93°, 60%, 41%
XYZ	7.8940, 11.3699, 3.9690
YIQ	86.7660, -0.3620, -26.4900

Conversions

Conversions Part 2

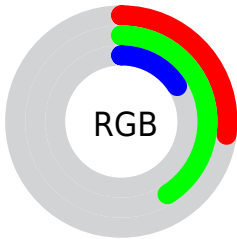
Format	Color
R_{YB}	42, 104, 76
Decimal	4614186
CIE Lab	40.20, -24.08, 30.58
CIE LCh	40, 38.918, 128.217
Yxy	11.3699, 0.3398, 0.4894
Android (android.graphics.Color)	4282804266 (0xFF46682A)
YUV	86.7660, -22.0696, -14.7038
Hunter-Lab	33.7193, -17.2201, 16.6246

Details

The YUV color **86.7660, -22.0696, -14.7038** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.2340, 22.0696, 14.7038**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4240, -23.3800, -14.4038**, and **39.7490, -19.5963, -14.6889** is the 20% darker color. If you saturate the color by 10%, you get **83.8320, -25.5532, -17.3927**, and if you desaturate by 10%, it is **89.7000, -18.5861, -12.0149**.

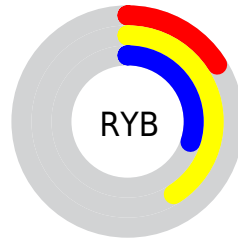
Distribution



 Red (27%)

 Green (41%)

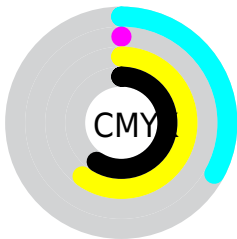
 Blue (16%)




 Red (16%)

 Yellow (41%)

 Blue (30%)

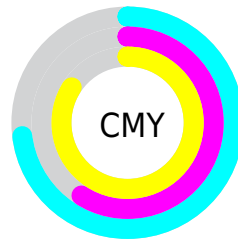


 Cyan (33%)


 Magenta (0%)

 Yellow (60%)

 Black (59%)



 Cyan (73%)

 Magenta (59%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7660, -22.0696, -14.7038 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 86.7660, -22.0696, -14.7038 by changing the saturation by 10% instead.

■ 86.7660, -22.0696,
-14.7038

■ 86.7660, -22.0696,
-14.7038

255.0000, 0.0000,
0.0000

■ 62.8800, -21.6328,
-14.8038

■ 137.4240,
-23.3800, -14.4038

■ 39.7490, -19.5963,
-14.6889

■ 163.8970,
-24.1062, -14.8187

■ 20.5450, -10.1287,
-18.0180

■ 191.3700,
-24.8324, -15.2335

■ 0.5870, -0.2894,
-0.5148

■ 219.1420,
-25.7060, -15.0335

■ 0.0000, 0.0000,
0.0000

■ 240.6850,
-22.5227, -9.3707

■ 251.3520,

-13.9775, 3.1993

254.6580, -1.3104,
0.2999

■ 86.7660, -22.0696,
-14.7038

■ 86.7660, -22.0696,
-14.7038

■ 83.8320, -25.5532,
-17.3927

■ 89.7000, -18.5861,
-12.0149

■ 81.0830, -29.6209,
-19.3668

■ 92.4490, -14.5184,
-10.0408

■ 78.1490, -33.1045,
-22.0557

■ 95.3830, -11.0348,
-7.3519

■ 75.1010, -37.0248,
-24.6446

■ 98.4310, -7.1145,
-4.7630

■ 101.3650, -3.6309,
-2.0741

■ 104.0000, 0.0000,
0.0000

■ 107.0480, 3.9203,
2.5889

■ 109.9820, 7.4039,
5.2778

■ 112.7310, 11.4716,
7.2519

Harmonies

Analogous

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



90.5260, -31.3183, 11.8167



86.7660, -22.0696, -14.7038



74.6540, -2.2944, -57.5786

Triad

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



86.7660, -22.0696, -14.7038



78.4900, 36.7334, -68.8357



94.4070, -3.6517, 51.3861

Complementary

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



86.7660, -22.0696, -14.7038



59.2340, 22.0696, 14.7038

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.



97.1030, 10.7952, 37.6207



86.7660, -22.0696, -14.7038



88.7270, 34.1516, -33.9636

Square

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



86.7660, -22.0696, -14.7038



79.1450, 26.5505, -69.4102



97.5430, 23.3963, 9.1708



93.9000, -18.1917, 48.3227

Rectangle

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



86.7660, -22.0696, -14.7038



75.0580, 8.3524, -65.8259



97.5430, 23.3963, 9.1708



95.0630, 1.4479, 49.0567

Sweetspot

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



86.7660, -22.0696, -14.7038



128.3770, -8.5669, -5.5926



79.9090, -18.6891, 21.1278



64.8980, -5.3727, -3.4185



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



86.7660, -22.0696, -14.7038



108.0950, -34.5568, -22.8853



78.6220, -17.0686, -32.1175



49.5330, -1.7418, -1.3444



83.0530, -40.9451, -27.2335



174.6450, -86.1000, -57.5707

Inverse Universe

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



59.2340, 22.0696, 14.7038



64.9050, 34.5568, 22.8853



67.3780, 17.0686, 32.1175



47.4670, 1.7418, 1.3444



31.9470, 40.9451, 27.2335



67.3550, 86.1000, 57.5707

Previews

White Background



This preview shows how the YUV color 86.7660, -22.0696, -14.7038 looks on a white background.

Color Contrast Check

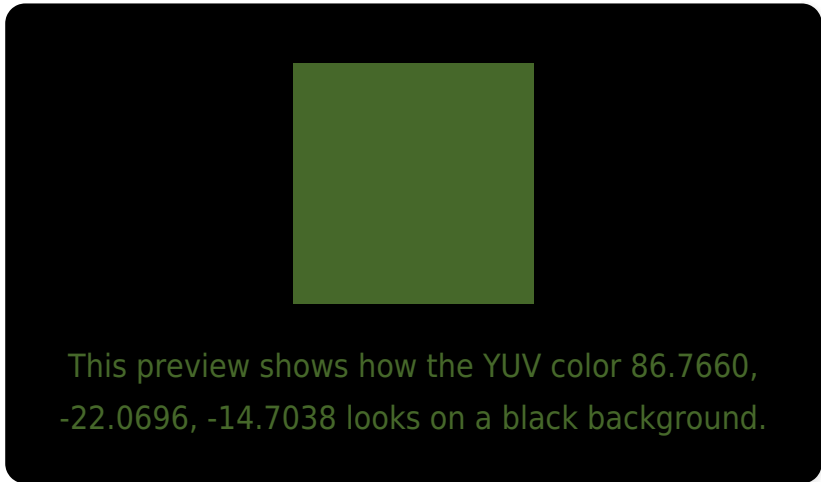
Large Text (above 18pt) WCAG AA ✓ Pass

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

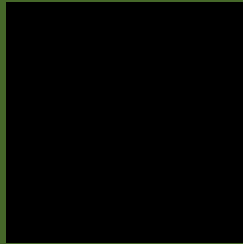
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.7660, -22.0696, -14.7038

Background



This preview shows how black text looks on a background with the YUV color 86.7660, -22.0696, -14.7038.



This preview shows how white text looks on a background with the YUV color 86.7660, -22.0696, -14.7038.

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

86.7660, -22.0696, -14.7038

Protanopia

91.6060, -25.9348, 11.7465

Deuteranopia

92.7580, -23.0517, 20.3832



Tritanopia

93.1170, 5.8583, -12.3806

Trichromacy



Original Color

86.7660, -22.0696, -14.7038

Protanomaly

89.5940, -24.4498, 2.1101

Deuteranomaly

90.4960, -22.4295, 7.4580

Tritanomaly

90.7720, -4.3246, -12.9550

Monochromacy



Original Color

86.7660, -22.0696, -14.7038

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9040, -7.8407, -5.1778

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7660, -22.0696, -14.7038 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(70, 104, 42)` looks like.

```
.text, #text, p{  
    color:rgb(70, 104, 42)  
}
```

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(70, 104, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 104, 42) }
```

Border

The CSS property to change the border of an element to YUV 86.7660, -22.0696, -14.7038 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(70, 104, 42) }
```


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

```
.border{ border-color:rgb(70, 104, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 104, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 104, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 104, 42);  
box-shadow:4px 4px 4px 4px rgb(70, 104,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 86.7660, -22.0696, -14.7038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 104, 42) }
```

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

```
.background{ background-color: rgb(70, 104,  
42) }
```

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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