

Converting Colors

YUV(85.0710, -14.3320,
23.6167)

Have a look what the booklet for
YUV(85.0710, -14.3320, 23.6167)
contains.

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Color

**YUV(85.0710, -14.3320,
23.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	704D38
RGB	112, 77, 56
RGB Percent	44%, 30%, 22%
CMY	0.5608, 0.6980, 0.7804
CMYK	0.00, 0.31, 0.50, 0.56
HSL	22°, 33%, 33%
HSV	22°, 50%, 44%
XYZ	10.0498, 9.0380, 4.9562
YIQ	85.0710, 27.6010, 0.8890

Conversions

Conversions Part 2

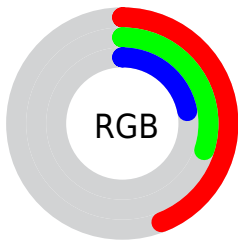
Format	Color
R_{YB}	112, 90, 56
Decimal	7359800
CIE _{Lab}	36.06, 12.05, 18.34
CIE _{LCh}	36, 21.947, 56.703
Yxy	9.0380, 0.4180, 0.3759
Android (android.graphics.Color)	4285549880 (0xFF704D38)
YUV	85.0710, -14.3320, 23.6167
Hunter-Lab	30.0633, 7.0595, 11.2698

Details

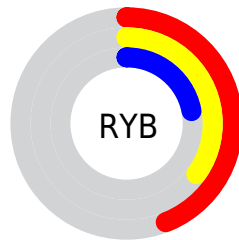
The YUV color **85.0710, -14.3320, 23.6167** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.9290, 14.3320, -23.6167**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0390, -15.7952, 26.2758**, and **39.3910, -13.0108, 19.8281** is the 20% darker color. If you saturate the color by 10%, you get **79.7080, -17.1110, 28.3201**, and if you desaturate by 10%, it is **90.4340, -11.5530, 18.9134**.

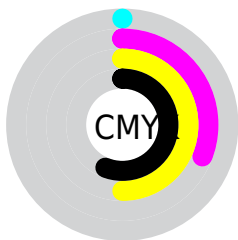
Distribution



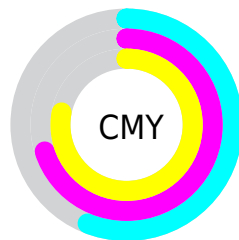
- Red (44%)
- Green (30%)
- Blue (22%)



- Red (44%)
- Yellow (35%)
- Blue (22%)



- Cyan (0%)
- Magenta (31%)
- Yellow (50%)
- Black (56%)



- Cyan (56%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0710, -14.3320, 23.6167 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 85.0710, -14.3320, 23.6167 by changing the saturation by 10% instead.

85.0710, -14.3320,
23.6167

85.0710, -14.3320,
23.6167

255.0000, 0.0000,
0.0000

61.2880, -13.4530,
21.6724

135.0390,
-15.7952, 26.2758

39.3910, -13.0108,
19.8281

161.5230,
-16.5268, 27.6053

18.7050, -9.2216,
17.7987

189.0070,
-17.2585, 28.9349

0.0000, 0.0000,
0.0000

216.6050,
-17.5533, 30.1644

238.0160,
-14.3049, 14.8950

252.9480, -7.8624,

1.7996

■ 85.0710, -14.3320,
23.6167

■ 85.0710, -14.3320,
23.6167

■ 79.7080, -17.1110,
28.3201

■ 90.4340, -11.5530,
18.9134

■ 74.3450, -19.8901,
33.0234

■ 95.7970, -8.7739,
14.2100

■ 68.8680, -23.1059,
37.8268

■ 101.2740, -5.5581,
9.4067

■ 63.5050, -25.8850,
42.5301

■ 106.6370, -2.7790,
4.7034

■ 58.1420, -28.6640,
47.2335

■ 112.0000, 0.0000,
0.0000

■ 117.3630, 2.7790,
-4.7034

■ 122.7260, 5.5581,
-9.4067

■ 128.2030, 8.7739,
-14.2100

■ 133.5660, 11.5530,
-18.9134

Harmonies

Analogous

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



85.8250, -7.8017, 29.0945



85.0710, -14.3320, 23.6167



83.7230, -16.6254, 12.5209

Triad

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



85.0710, -14.3320, 23.6167



75.5890, 3.1606, -33.8426



85.8870, 14.8457, -1.6549

Complementary

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



85.0710, -14.3320, 23.6167



82.9290, 14.3320, -23.6167

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.



81.7920, 18.8365, -21.7426



85.0710, -14.3320, 23.6167



71.6610, 13.9711, -47.9377

Square

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



85.0710, -14.3320, 23.6167



79.3540, -7.0765, -16.9735



75.0730, 19.1910, -42.1600



87.2760, 8.2449, 15.5439

Rectangle

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



85.0710, -14.3320, 23.6167



82.8960, -15.7247, 3.5992



75.0730, 19.1910, -42.1600



84.8970, 16.3198, -7.8027

Sweetspot

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



85.0710, -14.3320, 23.6167



134.9750, -5.4107, 8.7919



76.7340, 7.0331, 30.9283



67.8220, -3.3632, 5.4181



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.



85.0710, -14.3320, 23.6167



103.3840, -22.3743, 36.4972



101.5070, -22.4350, 9.2024



53.5550, -1.7526, 2.1443



62.2950, -30.7114, 50.6073



128.4440, -63.3229, 103.9736

Inverse Universe

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



82.9290, 14.3320, -23.6167



100.2030, 22.0849, -37.0120



66.4930, 22.4350, -9.2024



53.0320, 1.4632, -2.6591



57.7050, 30.7114, -50.6073



119.1430, 63.0335, -104.4884

Previews

White Background



This preview shows how the YUV color 85.0710, -14.3320, 23.6167 looks on a white background.

Color Contrast Check

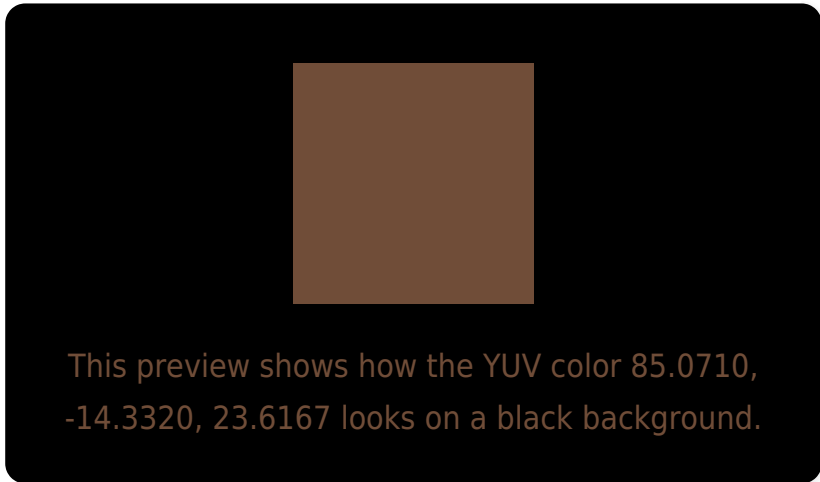
Large Text (above 18pt) WCAG AA ✓ Pass

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

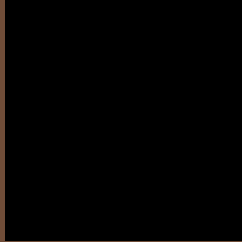
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0710, -14.3320, 23.6167

Background



This preview shows how black text looks on a background with the YUV color 85.0710, -14.3320, 23.6167.



This preview shows how white text looks on a background with the YUV color 85.0710, -14.3320,

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

85.0710, -14.3320, 23.6167

Protanopia

84.1290, -12.3886, 6.9029

Deuteranopia

84.3150, -14.4523, 15.5097



Tritanopia

86.5300, -3.7123, 24.0912

Trichromacy



Original Color

85.0710, -14.3320, 23.6167

Protanomaly

84.3470, -12.9891, 12.8507

Deuteranomaly

84.9240, -14.7525, 18.4837

Tritanomaly

85.9060, -7.3487, 23.7614

Monochromacy



Original Color

85.0710, -14.3320, 23.6167

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9750, -5.4107, 8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0710, -14.3320, 23.6167 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, 77, 56)` looks like.

```
.text, #text, p{  
    color:rgb(112, 77, 56)  
}
```

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, 77, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 77, 56) }
```

Border

The CSS property to change the border of an element to YUV 85.0710, -14.3320, 23.6167 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, 77, 56) }
```


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

```
.border{ border-color:rgb(112, 77, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 77, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 77, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 77, 56);  
box-shadow:4px 4px 4px 4px rgb(112, 77,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 85.0710, -14.3320, 23.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 77, 56) }
```

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

```
.background{ background-color: rgb(112, 77,  
56) }
```

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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