

Converting Colors

YUV(84.2860, -23.8050,
28.6902)

Have a look what the booklet for
YUV(84.2860, -23.8050, 28.6902)
contains.

YUV(84.2860, -23.8050, 28.6902)	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(84.2860, -23.8050,
28.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	754D24
RGB	117, 77, 36
RGB Percent	46%, 30%, 14%
CMY	0.5412, 0.6980, 0.8588
CMYK	0.00, 0.34, 0.69, 0.54
HSL	30°, 53%, 30%
HSV	30°, 69%, 46%
XYZ	10.3084, 9.2170, 2.9048
YIQ	84.2860, 37.0010, -4.2710

Conversions

Conversions Part 2

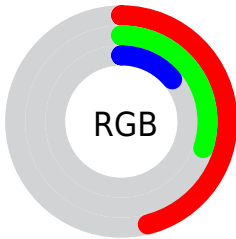
Format	Color
R_{YB}	115, 117, 36
Decimal	7687460
CIE Lab	36.40, 12.59, 30.58
CIE LCh	36, 33.071, 67.628
Yxy	9.2170, 0.4596, 0.4109
Android (android.graphics.Color)	4285877540 (0xFF754D24)
YUV	84.2860, -23.8050, 28.6902
Hunter-Lab	30.3596, 7.4795, 15.5788

Details

The YUV color **84.2860, -23.8050, 28.6902** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **68.7140, 23.8050, -28.6902**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.7380, -25.9998, 32.6788**, and **38.8060, -19.1314, 22.9721** is the 20% darker color. If you saturate the color by 10%, you get **79.3960, -27.3102, 32.9787**, and if you desaturate by 10%, it is **89.1760, -20.2998, 24.4016**.

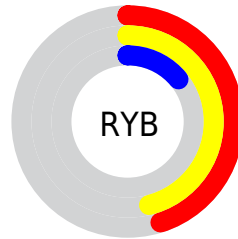
Distribution



Red (46%)

Green (30%)

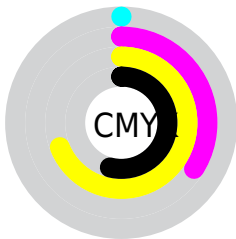
Blue (14%)



Red (45%)

Yellow (46%)

Blue (14%)

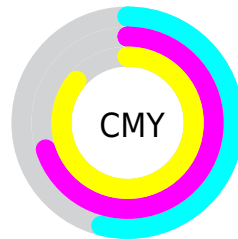


Cyan (0%)

Magenta (34%)

Yellow (69%)

Black (54%)



Cyan (54%)

Magenta (70%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2860, -23.8050, 28.6902 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 84.2860, -23.8050, 28.6902 by changing the saturation by 10% instead.

84.2860, -23.8050,
28.6902

84.2860, -23.8050,
28.6902

255.0000, 0.0000,
0.0000

60.2040, -22.7786,
26.1311

134.7380,
-25.9998, 32.6788

38.8060, -19.1314,
22.9721

161.2220,
-26.7314, 34.0083

19.0040, -9.3690,
18.4135

188.7060,
-27.4631, 35.3378

0.0000, 0.0000,
0.0000

215.2930,
-27.7524, 34.8230

234.8070,
-24.0619, 17.7093

250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

84.2860, -23.8050,
28.6902

84.2860, -23.8050,
28.6902

79.3960, -27.3102,
32.9787

89.1760, -20.2998,
24.4016

74.6200, -30.3787,
37.1673

93.9520, -17.2313,
20.2131

70.3170, -34.1733,
40.9410

98.2550, -13.4367,
16.4394

69.6160, -34.3207,
41.5558

103.1450, -9.9315,
12.1508

108.0350, -6.4263,
7.8623

■ 112.8110, -3.3578,
3.6738

■ 117.1140, 0.4368,
-0.1000

■ 122.0040, 3.9420,
-4.3885

■ 126.7800, 7.0105,
-8.5771

Harmonies

Analogous

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



85.0670, -14.8230, 41.1602



84.2860, -23.8050, 28.6902



82.0080, -25.6399, 10.5170

Triad

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



84.2860, -23.8050, 28.6902



68.6010, 11.5357, -60.1631



87.9080, 19.7654, 7.0967

Complementary

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



84.2860, -23.8050, 28.6902



68.7140, 23.8050, -28.6902

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.



81.1640, 28.0201, -27.3308



84.2860, -23.8050, 28.6902



70.8640, 22.7450, -62.1477

Square

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



84.2860, -23.8050, 28.6902



71.7100, -3.8010, -40.9647



70.4540, 31.3282, -61.7882



87.9020, 8.9223, 31.6579

Rectangle

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



84.2860, -23.8050, 28.6902



80.2450, -21.8128, -3.7229



70.4540, 31.3282, -61.7882



86.6510, 22.8501, -2.3249

Sweetspot

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



84.2860, -23.8050, 28.6902



139.9600, -9.3473, 11.4361



64.8930, 5.9688, 45.6978



68.8500, -5.8421, 7.1475



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



84.2860, -23.8050, 28.6902



101.5410, -37.2417, 45.1295



107.7660, -35.3806, 8.0982



56.5550, -1.7526, 2.1443



72.8720, -35.9259, 43.0853



148.7120, -73.3150, 88.8296

Inverse Universe

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



68.7140, 23.8050, -28.6902



77.4590, 37.2417, -45.1295



45.2340, 35.3806, -8.0982



55.4450, 1.7526, -2.1443



49.1280, 35.9259, -43.0853



100.7010, 73.6044, -88.3148

Previews

White Background



This preview shows how the YUV color 84.2860, -23.8050, 28.6902 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



This preview shows how the YUV color 84.2860, -23.8050, 28.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

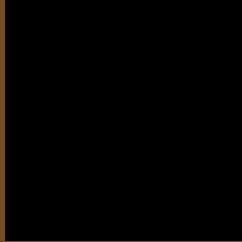
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2860, -23.8050, 28.6902

Background



This preview shows how black text looks on a background with the YUV color 84.2860, -23.8050, 28.6902.



This preview shows how white text looks on a background with the YUV color 84.2860, -23.8050,

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

84.2860, -23.8050, 28.6902

Protanopia

83.6320, -22.0036, 10.8467

Deuteranopia

84.1170, -24.2147, 20.0684



Tritanopia

87.0360, -4.4547, 28.9094

Trichromacy



Original Color

84.2860, -23.8050, 28.6902

Protanomaly

84.1490, -22.7515, 17.4093

Deuteranomaly

84.1390, -24.2255, 23.5571

Tritanomaly

86.2010, -11.4381, 28.7647

Monochromacy



Original Color

84.2860, -23.8050, 28.6902

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8890, -8.3263, 10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2860, -23.8050, 28.6902 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(117, 77, 36)` looks like.

```
.text, #text, p{  
    color:rgb(117, 77, 36)  
}
```

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(117, 77, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 77, 36) }
```

Border

The CSS property to change the border of an element to YUV 84.2860, -23.8050, 28.6902 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(117, 77, 36) }
```


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

```
.border{ border-color:rgb(117, 77, 36) }
```

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

Here you see how a box with a 4 pixel rgb(117, 77, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 77, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 77, 36);  
box-shadow:4px 4px 4px 4px rgb(117, 77,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 84.2860, -23.8050, 28.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 77, 36) }
```

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

```
.background{ background-color: rgb(117, 77,  
36) }
```

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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