

Converting Colors

YUV(82.5050, -29.3360,
29.3751)

Have a look what the booklet for
YUV(82.5050, -29.3360, 29.3751)
contains.

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Color

**YUV(82.5050, -29.3360,
29.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	744D17
RGB	116, 77, 23
RGB Percent	45%, 30%, 9%
CMY	0.5451, 0.6980, 0.9098
CMYK	0.00, 0.34, 0.80, 0.55
HSL	35°, 67%, 27%
HSV	35°, 80%, 45%
XYZ	10.0110, 9.0826, 2.0361
YIQ	82.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

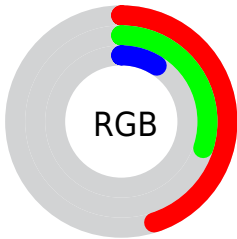
Format	Color
RYB	90, 116, 23
Decimal	7621911
CIELab	36.14, 11.38, 36.82
CIELCh	36, 38.533, 72.830
Yxy	9.0826, 0.4738, 0.4299
Android (android.graphics.Color)	4285811991 (0xFF744D17)
YUV	82.5050, -29.3360, 29.3751
Hunter-Lab	30.1374, 6.5534, 17.0905

Details

The YUV color **82.5050, -29.3360, 29.3751** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **56.4950, 29.3360, -29.3751**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3700, -31.2414, 33.8785**, and **38.2080, -18.8365, 21.7426** is the 20% darker color. If you saturate the color by 10%, you get **78.2020, -33.1306, 33.1488**, and if you desaturate by 10%, it is **86.8080, -25.5413, 25.6014**.

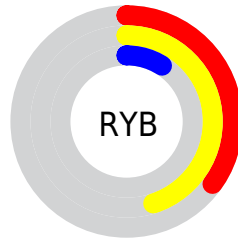
Distribution



Red (45%)

Green (30%)

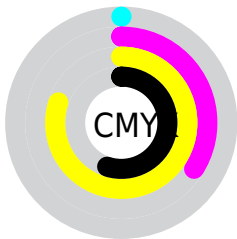
Blue (9%)



Red (35%)

Yellow (45%)

Blue (9%)

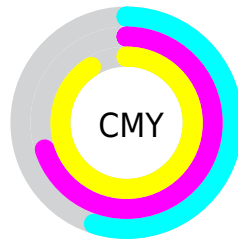


Cyan (0%)

Magenta (34%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5050, -29.3360, 29.3751 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 82.5050, -29.3360, 29.3751 by changing the saturation by 10% instead.

■ 82.5050, -29.3360,
29.3751

■ 82.5050, -29.3360,
29.3751

255.0000, 0.0000,
0.0000

■ 58.3090, -28.7463,
26.9160

■ 133.3700,
-31.2414, 33.8785

■ 38.2080, -18.8365,
21.7426

■ 159.8540,
-31.9730, 35.2080

■ 18.4060, -9.0742,
17.1839

■ 187.2240,
-33.1414, 36.6376

■ 0.0000, 0.0000,
0.0000

■ 213.8110,
-33.4308, 36.1228

■ 233.3250,
-29.7402, 19.0090

■ 248.8440,

-23.5871, 5.3988

■ 252.0360,
-11.3567, 2.5994

■ 82.5050, -29.3360,
29.3751

■ 82.5050, -29.3360,
29.3751

■ 78.2020, -33.1306,
33.1488

■ 86.8080, -25.5413,
25.6014

■ 74.0130, -36.4884,
36.8226

■ 90.9970, -22.1835,
21.9276

■ 95.3000, -18.3889,
18.1539

■ 98.9020, -14.7417,
14.9949

■ 103.2050,
-10.9471, 11.2212

■ 107.5080, -7.1524,
7.4475

■ 111.6970, -3.7946,
3.7737

■ 116.0000, 0.0000,
0.0000

■ 120.1890, 3.3578,
-3.6738

Harmonies

Analogous

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



83.5360, -19.4912, 45.1339



82.5050, -29.3360, 29.3751



80.4330, -30.2865, 7.5133

Triad

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



82.5050, -29.3360, 29.3751



69.8720, 13.8671, -61.2777



87.7070, 21.3434, 14.2890

Complementary

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



82.5050, -29.3360, 29.3751



56.4950, 29.3360, -29.3751

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.



81.0870, 31.5091, -26.3863



82.5050, -29.3360, 29.3751



71.8900, 26.6762, -63.0475

Square

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



82.5050, -29.3360, 29.3751



65.6370, 0.1790, -57.5636



71.0070, 35.9855, -62.2731



85.9570, 8.8952, 40.3797

Rectangle

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



82.5050, -29.3360, 29.3751



77.9300, -24.1225, -9.5856



71.0070, 35.9855, -62.2731



87.1400, 24.5810, 2.5082

Sweetspot

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



82.5050, -29.3360, 29.3751



137.0910, -11.3839, 11.3212



55.3670, 3.7631, 53.1751



68.5080, -7.1524, 7.4475



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.



82.5050, -29.3360, 29.3751



98.3640, -45.5355, 45.2848



103.6040, -39.7378, 5.6093



56.5550, -1.7526, 2.1443



78.1550, -38.5304, 38.4521



159.8650, -78.8134, 79.0484

Inverse Universe

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



56.4950, 29.3360, -29.3751



58.2230, 45.2461, -45.7996



35.3960, 39.7378, -5.6093



54.8580, 2.0420, -1.6295



43.8450, 38.5304, -38.4521



90.1350, 78.8134, -79.0484

Previews

White Background



This preview shows how the YUV color 82.5050, -29.3360, 29.3751 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 82.5050, -29.3360, 29.3751 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 82.5050, -29.3360, 29.3751

Background



This preview shows how black text looks on a background with the YUV color 82.5050, -29.3360, 29.3751.



This preview shows how white text looks on a background with the YUV color 82.5050, -29.3360,

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

82.5050, -29.3360, 29.3751

Protanopia

82.0360, -28.1187, 12.2464

Deuteranopia

81.9340, -30.0405, 21.9829



Tritanopia

86.6230, -4.7441, 28.3946

Trichromacy



Original Color

82.5050, -29.3360, 29.3751

Protanomaly

82.2540, -28.7192, 18.1942

Deuteranomaly

82.3580, -29.7565, 24.2420

Tritanomaly

85.2180, -13.9115, 28.7498

Monochromacy



Original Color

82.5050, -29.3360, 29.3751

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9060, -10.7997, 10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5050, -29.3360, 29.3751 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(116, 77, 23)` looks like.

```
.text, #text, p{  
    color:rgb(116, 77, 23)  
}
```

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(116, 77, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 77, 23) }
```

Border

The CSS property to change the border of an element to YUV 82.5050, -29.3360, 29.3751 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(116, 77, 23) }
```


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

```
.border{ border-color:rgb(116, 77, 23) }
```

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

Here you see how a box with a 4 pixel rgb(116, 77, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 77, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 77, 23);  
box-shadow:4px 4px 4px 4px rgb(116, 77,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 82.5050, -29.3360, 29.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 77, 23) }
```

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

```
.background{ background-color: rgb(116, 77,  
23) }
```

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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