

Converting Colors

YUV(82.1920, -17.8427,
29.6496)

Have a look what the booklet for
YUV(82.1920, -17.8427, 29.6496)
contains.

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Color

**YUV(82.1920, -17.8427,
29.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	74482E
RGB	116, 72, 46
RGB Percent	45%, 28%, 18%
CMY	0.5451, 0.7176, 0.8196
CMYK	0.00, 0.38, 0.60, 0.55
HSL	22°, 43%, 32%
HSV	22°, 60%, 45%
XYZ	10.0130, 8.5450, 3.7064
YIQ	82.1920, 34.5700, 1.2420

Conversions

Conversions Part 2

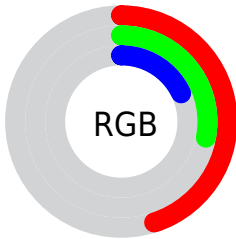
Format	Color
R_{YB}	116, 87, 46
Decimal	7620654
CIE _{Lab}	35.09, 15.92, 23.27
CIE _{LCh}	35, 28.196, 55.633
Yxy	8.5450, 0.4497, 0.3838
Android (android.graphics.Color)	4285810734 (0xFF74482E)
YUV	82.1920, -17.8427, 29.6496
Hunter-Lab	29.2318, 9.9871, 12.9447

Details

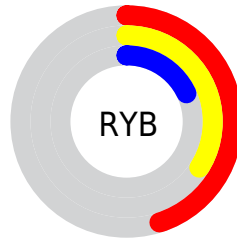
The YUV color **82.1920, -17.8427, 29.6496** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.8080, 17.8427, -29.6496**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6440, -20.0375, 33.6382**, and **35.8710, -17.6844, 25.5461** is the 20% darker color. If you saturate the color by 10%, you get **76.7150, -21.0585, 34.4529**, and if you desaturate by 10%, it is **87.6690, -14.6268, 24.8463**.

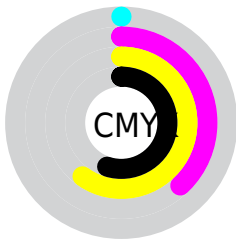
Distribution



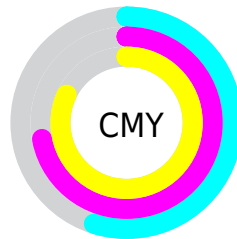
- Red (45%)
- Green (28%)
- Blue (18%)



- Red (45%)
- Yellow (34%)
- Blue (18%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (55%)



- Cyan (55%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1920, -17.8427, 29.6496 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 82.1920, -17.8427, 29.6496 by changing the saturation by 10% instead.

■ 82.1920, -17.8427,
29.6496

■ 82.1920, -17.8427,
29.6496

255.0000, 0.0000,
0.0000

■ 58.5230, -16.5268,
27.6053

■ 132.6440,
-20.0375, 33.6382

■ 35.8710, -17.6844,
25.5461

■ 159.1280,
-20.7691, 34.9677

■ 14.8950, -7.3432,
22.0171

■ 186.0250,
-21.2113, 36.8121

■ 0.0000, 0.0000,
0.0000

■ 213.6120,
-21.5007, 36.2973

■ 233.1260,
-17.8101, 19.1835

■ 251.5800,

-13.1039, 2.9993

254.8860, -0.4368,
0.1000

■ 82.1920, -17.8427,
29.6496

■ 82.1920, -17.8427,
29.6496

■ 76.7150, -21.0585,
34.4529

■ 87.6690, -14.6268,
24.8463

■ 70.7650, -23.5481,
39.6711

■ 93.6190, -12.1372,
19.6281

■ 65.2880, -26.7640,
44.4744

■ 99.0960, -8.9213,
14.8248

■ 59.9250, -29.5430,
49.1778

■ 104.4590, -6.1423,
10.1215

■ 109.9360, -2.9264,
5.3181

■ 116.0000, 0.0000,
0.0000

■ 121.3630, 2.7790,
-4.7034

■ 126.8400, 5.9949,
-9.5067

■ 132.7900, 8.4845,
-14.7248

Harmonies

Analogous

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



82.8260, -9.2812, 36.9866



82.1920, -17.8427, 29.6496



80.7790, -21.5830, 15.9798

Triad

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



82.1920, -17.8427, 29.6496



64.3690, 6.7201, -55.5746



83.4290, 19.5085, -3.8842

Complementary

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



82.1920, -17.8427, 29.6496



79.8080, 17.8427, -29.6496

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.



75.7240, 25.2791, -34.8379



82.1920, -17.8427, 29.6496



66.6920, 16.9138, -58.4889

Square

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



82.1920, -17.8427, 29.6496



75.3380, -9.5336, -22.2214



66.9830, 25.6444, -58.7441



84.8080, 11.4337, 19.4624

Rectangle

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



82.1920, -17.8427, 29.6496



79.6420, -20.5295, 4.6990



66.9830, 25.6444, -58.7441



81.9440, 21.7196, -13.1059

Sweetspot

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



82.1920, -17.8427, 29.6496



136.9430, -6.8739, 11.4510



71.9460, 8.9006, 38.6354



68.6050, -4.2423, 7.3624



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.



82.1920, -17.8427, 29.6496



97.7720, -27.4956, 45.8040



102.7370, -27.9713, 11.6317



55.9680, -1.4632, 2.6591



62.8930, -31.0062, 51.8368



129.3410, -63.7651, 105.8179

Inverse Universe

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



79.8080, 17.8427, -29.6496



94.2280, 27.4956, -45.8040



59.2630, 27.9713, -11.6317



55.4450, 1.7526, -2.1443



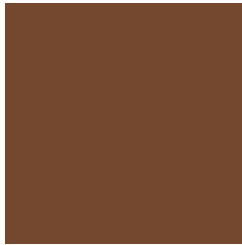
59.1070, 31.0062, -51.8368



120.6590, 63.7651, -105.8179

Previews

White Background



This preview shows how the YUV color 82.1920, -17.8427, 29.6496 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 82.1920, -17.8427, 29.6496 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 82.1920, -17.8427, 29.6496

Background



This preview shows how black text looks on a background with the YUV color 82.1920, -17.8427, 29.6496.



This preview shows how white text looks on a background with the YUV color 82.1920, -17.8427,

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

82.1920, -17.8427, 29.6496

Protanopia

81.6300, -15.5936, 8.2175

Deuteranopia

81.8870, -18.6783, 17.6391



Tritanopia

84.2210, -5.0390, 29.6242

Trichromacy



Original Color

82.1920, -17.8427, 29.6496

Protanomaly

81.8590, -16.1995, 15.9097

Deuteranomaly

81.7350, -18.1104, 22.1574

Tritanomaly

83.3690, -9.5489, 29.4944

Monochromacy



Original Color

82.1920, -17.8427, 29.6496

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.7580, -6.2897, 10.7362

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1920, -17.8427, 29.6496 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, 72, 46)` looks like.

```
.text, #text, p{  
    color:rgb(116, 72, 46)  
}
```

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, 72, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 72, 46) }
```

Border

The CSS property to change the border of an element to YUV 82.1920, -17.8427, 29.6496 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, 72, 46) }
```


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

```
.border{ border-color:rgb(116, 72, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 72, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 72, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 72, 46);  
box-shadow:4px 4px 4px 4px rgb(116, 72,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 82.1920, -17.8427, 29.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 72, 46) }
```

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

```
.background{ background-color: rgb(116, 72,  
46) }
```

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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