

Converting Colors

YUV(82.2710, -21.3326,
-17.7777)

Have a look what the booklet for
YUV(82.2710, -21.3326, -17.7777)
contains.

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Color

**YUV(82.2710, -21.3326,
-17.7777)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6527
RGB	62, 101, 39
RGB Percent	24%, 40%, 15%
CMY	0.7569, 0.6039, 0.8471
CMYK	0.39, 0.00, 0.61, 0.60
HSL	98°, 44%, 27%
HSV	98°, 61%, 40%
XYZ	7.0065, 10.4780, 3.5726
YIQ	82.2710, -3.3420, -27.5500

Conversions

Conversions Part 2

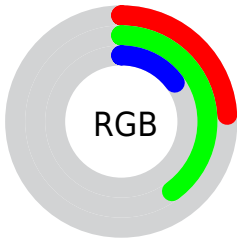
Format	Color
R_{YB}	39, 101, 78
Decimal	4089127
CIE _{Lab}	38.69, -26.07, 30.26
CIE _{LCh}	39, 39.942, 130.748
Yxy	10.4780, 0.3327, 0.4976
Android (android.graphics.Color)	4282279207 (0xFF3E6527)
YUV	82.2710, -21.3326, -17.7777
Hunter-Lab	32.3697, -18.0103, 16.1150

Details

The YUV color **82.2710, -21.3326, -17.7777** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **57.7290, 21.3326, 17.7777**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5160, -22.9324, -17.9925**, and **35.8840, -17.6908, -19.1923** is the 20% darker color. If you saturate the color by 10%, you get **79.3370, -24.8161, -20.4665**, and if you desaturate by 10%, it is **85.2050, -17.8491, -15.0888**.

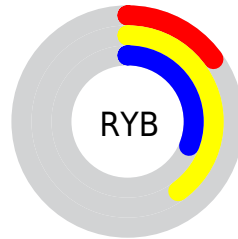
Distribution



Red (24%)

Green (40%)

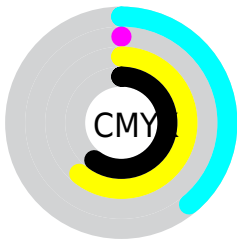
Blue (15%)



Red (15%)

Yellow (40%)

Blue (31%)

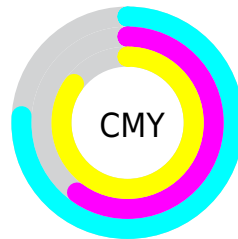


Cyan (39%)

Magenta (0%)

Yellow (61%)

Black (60%)



Cyan (76%)

Magenta (60%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2710, -21.3326, -17.7777 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 82.2710, -21.3326, -17.7777 by changing the saturation by 10% instead.

■ 82.2710, -21.3326,
-17.7777

■ 82.2710, -21.3326,
-17.7777

255.0000, 0.0000,
0.0000

■ 58.3850, -20.8958,
-17.8776

■ 132.5160,
-22.9324, -17.9925

■ 35.8840, -17.6908,
-19.1923

■ 159.2880,
-23.8060, -17.7926

■ 19.3710, -9.5499,
-16.9884

■ 186.4620,
-24.3848, -18.8222

■ 0.0000, 0.0000,
0.0000

■ 214.3480,
-24.8216, -18.7222

■ 237.5380,
-22.9432, -14.5038

■ 249.4010,

-14.9877, 0.5253

254.2020, -3.0576,
0.6998

82.2710, -21.3326,
-17.7777

82.2710, -21.3326,
-17.7777

79.3370, -24.8161,
-20.4665

85.2050, -17.8491,
-15.0888

76.1040, -28.1523,
-23.7702

88.4380, -14.5129,
-11.7851

73.1700, -31.6358,
-26.4591

91.3720, -11.0294,
-9.0962

70.3500, -34.6825,
-29.2479

94.3060, -7.5459,
-6.4074

97.6530, -3.7729,
-3.2037

■ 100.5870, -0.2894,
-0.5148

■ 103.5210, 3.1941,
2.1741

■ 106.7540, 6.5303,
5.4777

■ 109.6880, 10.0138,
8.1666

Harmonies

Analogous

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



85.9880, -32.0391, 9.6575



82.2710, -21.3326, -17.7777



69.5010, -0.2470, -60.9524

Triad

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



82.2710, -21.3326, -17.7777



76.0280, 37.4542, -66.6766



89.8910, -4.3833, 52.7156

Complementary

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



82.2710, -21.3326, -17.7777



57.7290, 21.3326, 17.7777

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.



92.5980, 10.0582, 40.6946



82.2710, -21.3326, -17.7777



86.0370, 33.9988, -31.6044

Square

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



82.2710, -21.3326, -17.7777



76.7970, 27.7081, -67.3510



94.0380, 22.6593, 12.2447



89.5580, -19.5021, 48.6226

Rectangle

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



82.2710, -21.3326, -17.7777



73.1830, 8.7838, -64.1815



94.0380, 22.6593, 12.2447



90.8460, 0.5689, 51.0011

Sweetspot

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



82.2710, -21.3326, -17.7777



122.8930, -7.8352, -6.9222



79.8440, -20.1361, 18.5538



61.7130, -4.7885, -4.1333



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



82.2710, -21.3326, -17.7777



101.1160, -33.0882, -27.2887



76.1920, -14.8847, -32.6174



49.5330, -1.7418, -1.3444



80.3620, -39.6185, -32.7665



168.9640, -83.2993, -69.2514

Inverse Universe

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



57.7290, 21.3326, 17.7777



62.8840, 33.0882, 27.2887



63.8080, 14.8847, 32.6174



47.4670, 1.7418, 1.3444



34.6380, 39.6185, 32.7665



73.0360, 83.2993, 69.2514

Previews

White Background



This preview shows how the YUV color 82.2710, -21.3326, -17.7777 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

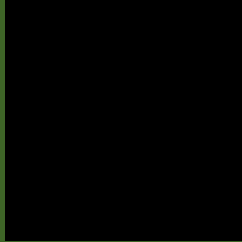
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2710, -21.3326, -17.7777

Background



This preview shows how black text looks on a background with the YUV color 82.2710, -21.3326, -17.7777.



This preview shows how white text looks on a background with the YUV color 82.2710, -21.3326, -17.7777.

-17.7777.

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

82.2710, -21.3326, -17.7777

Protanopia

87.7200, -25.4980, 11.6466

Deuteranopia

88.8720, -22.6149, 20.2833



Tritanopia

88.9210, 6.4479, -14.8397

Trichromacy



Original Color

82.2710, -21.3326, -17.7777

Protanomaly

85.9960, -24.1550, 0.8805

Deuteranomaly

86.3110, -21.8453, 6.7433

Tritanomaly

86.2770, -3.5876, -16.0289

Monochromacy



Original Color

82.2710, -21.3326, -17.7777

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1920, -7.9827, -6.3074

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2710, -21.3326, -17.7777 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(62, 101, 39)` looks like.

```
.text, #text, p{  
    color:rgb(62, 101, 39)  
}
```

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(62, 101, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 101, 39) }
```

Border

The CSS property to change the border of an element to YUV 82.2710, -21.3326, -17.7777 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(62, 101, 39) }
```


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

```
.border{ border-color:rgb(62, 101, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 101, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 101, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 101, 39);  
box-shadow:4px 4px 4px 4px rgb(62, 101,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 82.2710, -21.3326, -17.7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 101, 39) }
```

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

```
.background{ background-color: rgb(62, 101,  
39) }
```

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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