

Converting Colors

YUV(47.8090, -17.1608, -2.4635)

Have a look what the booklet for
YUV(47.8090, -17.1608, -2.4635)
contains.

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Color

**YUV(47.8090, -17.1608,
-2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	2D380D
RGB	45, 56, 13
RGB Percent	18%, 22%, 5%
CMY	0.8235, 0.7804, 0.9490
CMYK	0.20, 0.00, 0.77, 0.78
HSL	75°, 62%, 14%
HSV	75°, 77%, 22%
XYZ	2.5690, 3.4153, 0.9046
YIQ	47.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

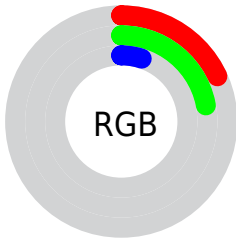
Format	Color
R_{YB}	13, 56, 24
Decimal	2963469
CIE Lab	21.64, -12.17, 24.36
CIE LCh	22, 27.235, 116.542
Yxy	3.4153, 0.3729, 0.4958
Android (android.graphics.Color)	4281153549 (0xFF2D380D)
YUV	47.8090, -17.1608, -2.4635
Hunter-Lab	18.4805, -7.5273, 10.0342

Details

The YUV color **47.8090, -17.1608, -2.4635** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.1910, 17.1608, 2.4635**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4670, -18.4712, -2.1636**, and **6.4570, -3.1833, -5.6628** is the 20% darker color. If you saturate the color by 10%, you get **46.8260, -19.6342, -2.4784**, and if you desaturate by 10%, it is **48.7920, -14.6875, -2.4486**.

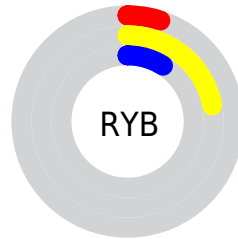
Distribution



Red (18%)

Green (22%)

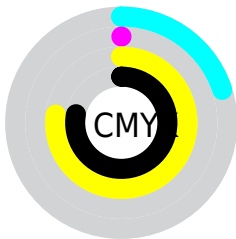
Blue (5%)



Red (5%)

Yellow (22%)

Blue (9%)

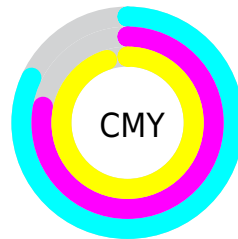


Cyan (20%)

Magenta (0%)

Yellow (77%)

Black (78%)



Cyan (82%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8090, -17.1608, -2.4635 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 47.8090, -17.1608, -2.4635 by changing the saturation by 10% instead.

■ 47.8090, -17.1608,
-2.4635

■ 47.8090, -17.1608,
-2.4635

■ 253.2900, -6.5520,
1.4997

■ 27.1340, -13.3771,
-2.7485

■ 94.4670, -18.4712,
-2.1636

■ 6.4570, -3.1833,
-5.6628

■ 119.3530,
-18.9080, -2.0636

■ 0.0000, 0.0000,
0.0000

■ 145.1250,
-19.7816, -1.8636

■ 172.0110,
-20.2184, -1.7636

■ 199.1960,
-20.8026, -1.0489

■ 227.6690,

-21.5288, -1.4637

■ 250.0980,
-18.7823, 4.2991

■ 47.8090, -17.1608,
-2.4635

■ 47.8090, -17.1608,
-2.4635

■ 46.8260, -19.6342,
-2.4784

■ 48.7920, -14.6875,
-2.4486

■ 45.6580, -21.5234,
-3.2081

■ 49.9600, -12.7983,
-1.7189

■ 45.4300, -22.3970,
-3.0081

■ 50.9430, -10.3249,
-1.7040

■ 52.1110, -8.4357,
-0.9743

■ 53.0940, -5.9623,
-0.9594

■ 54.3760, -3.6364,
-0.3298

■ 55.2450, -1.5998,
-0.2149

■ 56.2280, 0.8736,
-0.2000

■ 57.3960, 2.7628,
0.5297

Harmonies

Analogous

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



49.6970, -20.5566, 13.4207



47.8090, -17.1608, -2.4635



43.9080, -7.3496, -22.7213

Triad

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



47.8090, -17.1608, -2.4635



44.3230, 20.0538, -38.8713



52.2410, 1.3602, 30.4836

Complementary

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



47.8090, -17.1608, -2.4635



21.1910, 17.1608, 2.4635

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.



53.4550, 10.1287, 18.0180



47.8090, -17.1608, -2.4635



42.7730, 24.2689, -37.5119

Square

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



47.8090, -17.1608, -2.4635



43.6730, 12.4862, -38.3012



52.5600, 17.4719, -3.9991



50.8470, -7.8126, 32.5832

Rectangle

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



47.8090, -17.1608, -2.4635



40.5950, 0.6927, -35.6018



52.5600, 17.4719, -3.9991



52.7290, 4.5706, 27.4247

Sweetspot

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



47.8090, -17.1608, -2.4635



70.8660, -6.8359, -0.7595



32.3140, -9.5218, 20.7726



36.2620, -4.0732, -0.2298



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



47.8090, -17.1608, -2.4635



61.1650, -27.1963, -3.6527



41.5300, -14.0653, -15.3738



27.3590, -1.1630, -0.3148



74.3360, -36.6476, -5.5567



177.2900, -87.4040, -12.5323

Inverse Universe

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



21.1910, 17.1608, 2.4635



18.8350, 27.1963, 3.6527



27.4700, 14.0653, 15.3738



25.6410, 1.1630, 0.3148



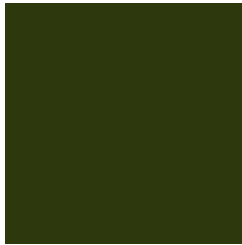
17.3650, 36.7951, 4.9419



41.7100, 87.4040, 12.5323

Previews

White Background



This preview shows how the YUV color 47.8090, -17.1608, -2.4635 looks on a white background.

Color Contrast Check

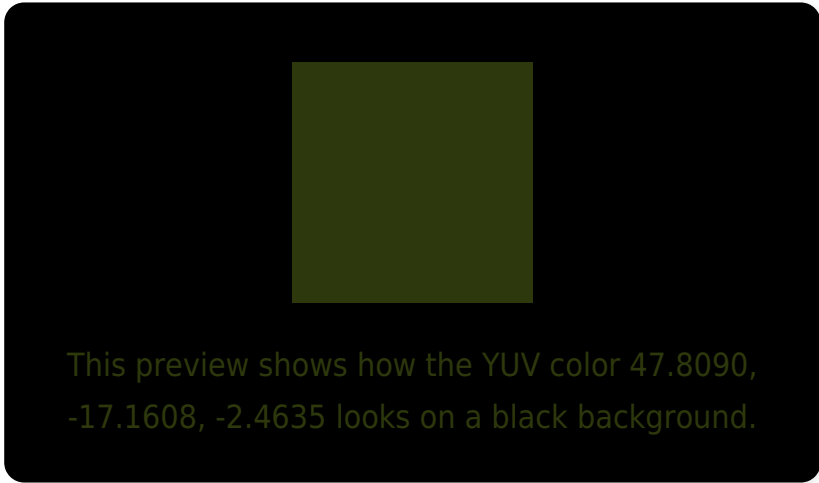
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8090, -17.1608, -2.4635

Background



This preview shows how black text looks on a background with the YUV color 47.8090, -17.1608, -2.4635.



This preview shows how white text looks on a background with the YUV color 47.8090, -17.1608,

-2.4635.

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

47.8090, -17.1608, -2.4635

Protanopia

49.2340, -18.3564, 7.6878

Deuteranopia

50.0220, -16.7728, 13.1357



Tritanopia

51.8580, 2.0420, -1.6295

Trichromacy



Original Color

47.8090, -17.1608, -2.4635

Protanomaly

48.3260, -17.9087, 4.0991

Deuteranomaly

49.5760, -17.0460, 7.3878

Tritanomaly

50.0230, -4.9413, -1.7742

Monochromacy



Original Color

47.8090, -17.1608, -2.4635

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8090, -17.1608, -2.4635 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(45, 56, 13)` looks like.

```
.text, #text, p{  
    color:rgb(45, 56, 13)  
}
```

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(45, 56, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 56, 13) }
```

Border

The CSS property to change the border of an element to YUV 47.8090, -17.1608, -2.4635 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(45, 56, 13) }
```


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

```
.border{ border-color:rgb(45, 56, 13) }
```

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

Here you see how a box with a 4 pixel rgb(45, 56, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 56, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 56, 13);  
box-shadow:4px 4px 4px 4px rgb(45, 56, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8090, -17.1608, -2.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 56, 13) }
```

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

```
.background{ background-color: rgb(45, 56,  
13) }
```

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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