

Converting Colors

YUV(41.8090, -17.1608, -2.4635)

Have a look what the booklet for
YUV(41.8090, -17.1608, -2.4635)
contains.

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Color

**YUV(41.8090, -17.1608,
-2.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	273207
RGB	39, 50, 7
RGB Percent	15%, 20%, 3%
CMY	0.8471, 0.8039, 0.9725
CMYK	0.22, 0.00, 0.86, 0.80
HSL	75°, 75%, 11%
HSV	75°, 86%, 20%
XYZ	2.0157, 2.7279, 0.6213
YIQ	41.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

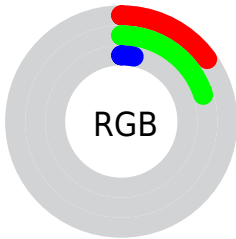
Format	Color
R_{YB}	7, 50, 18
Decimal	2568711
CIE Lab	18.92, -12.12, 23.73
CIE LCh	19, 26.647, 117.047
Yxy	2.7279, 0.3757, 0.5085
Android (android.graphics.Color)	4280758791 (0xFF273207)
YUV	41.8090, -17.1608, -2.4635
Hunter-Lab	16.5163, -7.1193, 9.3310

Details

The YUV color **41.8090, -17.1608, -2.4635** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.1910, 17.1608, 2.4635**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.6950, -17.5976, -2.3635**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.9400, -19.1974, -2.5784**, and if you desaturate by 10%, it is **42.6780, -15.1243, -2.3486**.

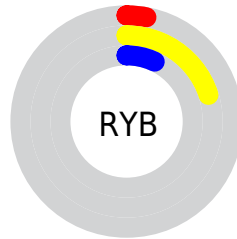
Distribution



Red (15%)

Green (20%)

Blue (3%)



Red (3%)

Yellow (20%)

Blue (7%)

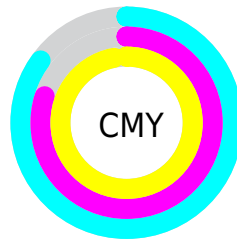


Cyan (22%)

Magenta (0%)

Yellow (86%)

Black (80%)



Cyan (85%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8090, -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 41.8090, -17.1608, -2.4635 by changing the saturation by 10% instead.

■ 41.8090, -17.1608,
-2.4635

■ 41.8090, -17.1608,
-2.4635

■ 252.6060, -9.1728,
2.0995

■ 22.1060, -10.8983,
-4.4780

■ 87.6950, -17.5976,
-2.3635

■ 0.0000, 0.0000,
0.0000

■ 112.4670,
-18.4712, -2.1636

■ 138.3530,
-18.9080, -2.0636


■ 164.5380,
-19.4922, -1.3488


■ 192.0110,
-20.2184, -1.7636


■ 219.8970,


-20.6552, -1.6637


 246.6090,
-20.5132, -0.5341


 41.8090, -17.1608,
-2.4635


 41.8090, -17.1608,
-2.4635


 40.9400, -19.1974,
-2.5784


 42.6780, -15.1243,
-2.3486

 40.4130, -19.9236,
-2.9932

 43.8460, -13.2351,
-1.6189

 44.7150, -11.1985,
-1.5041

 45.5840, -9.1619,
-1.3892

 46.4530, -7.1253,
-1.2743

■ 47.6210, -5.2362,
-0.5446

■ 48.4900, -3.1996,
-0.4297

■ 49.3590, -1.1630,
-0.3148

■ 50.5270, 0.7262,
0.4148

Harmonies

Analogous

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



43.2840, -20.8460, 12.9059



41.8090, -17.1608, -2.4635



37.1360, -6.4760, -22.9213

Triad

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



41.8090, -17.1608, -2.4635



40.0030, 18.7325, -35.0826



45.6430, 1.6550, 29.2541

Complementary

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



41.8090, -17.1608, -2.4635



15.1910, 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.



47.3410, 9.6919, 18.1179



41.8090, -17.1608, -2.4635



38.4530, 22.9477, -33.7233

Square

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



41.8090, -17.1608, -2.4635



39.4670, 11.6018, -34.6126



46.7450, 16.8877, -3.2844



44.9500, -7.3704, 30.7388

Rectangle

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



41.8090, -17.1608, -2.4635



36.5030, 0.2450, -32.0131



46.7450, 16.8877, -3.2844



46.3160, 4.2812, 26.9099

Sweetspot

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



41.8090, -17.1608, -2.4635



60.8660, -6.8359, -0.7595



26.3140, -9.5218, 20.7726



31.2620, -4.0732, -0.2298



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



41.8090, -17.1608, -2.4635



51.6210, -25.4492, -4.0526



35.5300, -14.0653, -15.3738



25.3590, -1.1630, -0.3148



71.9770, -35.4847, -5.2418



175.5180, -86.5304, -12.7323

Inverse Universe

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



15.1910, 17.1608, 2.4635



12.0800, 25.5966, 3.4378



21.4700, 14.0653, 15.3738



23.6410, 1.1630, 0.3148



17.0230, 35.4847, 5.2418



41.1830, 86.6778, 12.1175

Previews

White Background



This preview shows how the YUV color 41.8090, -17.1608, -2.4635 looks on a white background.

Color Contrast Check

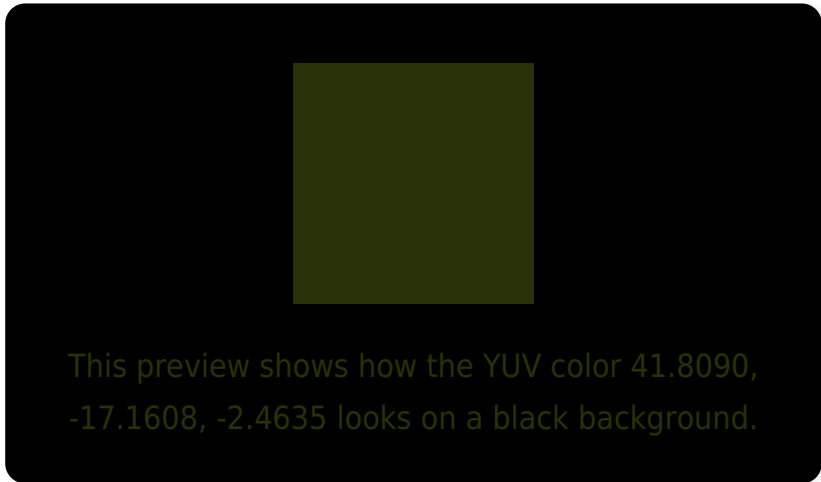
Large Text (above 18pt) WCAG AA ✓ Pass

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

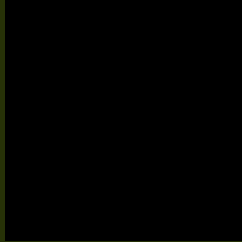
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

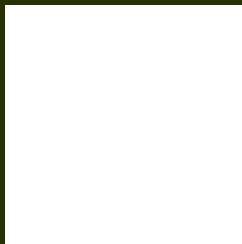
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.8090, -17.1608, -2.4635

Background



This preview shows how black text looks on a background with the YUV color 41.8090, -17.1608, -2.4635.



This preview shows how white text looks on a background with the YUV color 41.8090, -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

41.8090, -17.1608, -2.4635

Protanopia

43.2340, -18.3564, 7.6878

Deuteranopia

44.4240, -16.4780, 11.9062



Tritanopia

46.1460, 1.9000, -2.7590

Trichromacy



Original Color

41.8090, -17.1608, -2.4635

Protanomaly

42.3260, -17.9087, 4.0991

Deuteranomaly

43.3910, -16.4618, 6.6731

Tritanomaly

44.6100, -5.2307, -2.2890

Monochromacy



Original Color

41.8090, -17.1608, -2.4635

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9800, -6.3991, -0.8595

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8090, -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(39, 50, 7)` looks like.

```
.text, #text, p{  
    color:rgb(39, 50, 7)  
}
```

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(39, 50, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 50, 7) }
```

Border

The CSS property to change the border of an element to YUV 41.8090, -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(39, 50, 7) }
```


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

```
.border{ border-color:rgb(39, 50, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 50, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 50, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 50, 7); box-shadow:4px  
4px 4px 4px rgb(39, 50, 7) }
```

Background

The CSS property to change the background color of an element to YUV 41.8090, -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(39, 50, 7) }
```

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

```
.background{ background-color: rgb(39, 50,  
7) }
```

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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