

Converting Colors

YUV(44.7580, -9.7407, -2.4188)

Have a look what the booklet for
YUV(44.7580, -9.7407, -2.4188)
contains.

YUV(44.7580, -9.7407, -2.4188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(44.7580, -9.7407,
-2.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3219
RGB	42, 50, 25
RGB Percent	16%, 20%, 10%
CMY	0.8353, 0.8039, 0.9020
CMYK	0.16, 0.00, 0.50, 0.80
HSL	79°, 33%, 15%
HSV	79°, 50%, 20%
XYZ	2.2709, 2.8436, 1.3489
YIQ	44.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

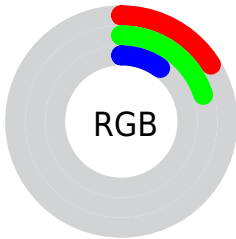
Format	Color
R_{YB}	25, 50, 33
Decimal	2765337
CIE _{Lab}	19.41, -8.60, 14.77
CIE _{LCh}	19, 17.092, 120.227
Yxy	2.8436, 0.3513, 0.4400
Android (android.graphics.Color)	4280955417 (0xFF2A3219)
YUV	44.7580, -9.7407, -2.4188
Hunter-Lab	16.8631, -5.4722, 7.0615

Details

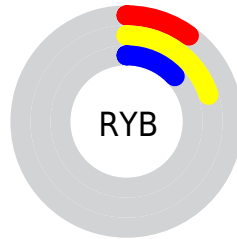
The YUV color **44.7580, -9.7407, -2.4188** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **30.2420, 9.7407, 2.4188**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.5300, -10.6143, -2.2188**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **43.5900, -11.6299, -3.1484**, and if you desaturate by 10%, it is **45.9260, -7.8515, -1.6891**.

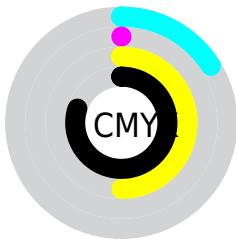
Distribution



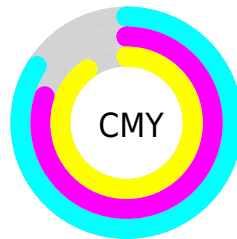
- Red (16%)
- Green (20%)
- Blue (10%)



- Red (10%)
- Yellow (20%)
- Blue (13%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.7580, -9.7407, -2.4188 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 44.7580, -9.7407, -2.4188 by changing the saturation by 10% instead.

■ 44.7580, -9.7407,
-2.4188

■ 44.7580, -9.7407,
-2.4188

■ 254.7720, -0.8736,
0.2000

■ 23.9000, -11.7827,
-0.7893

■ 90.5300, -10.6143,
-2.2188

■ 0.0000, 0.0000,
0.0000

■ 115.3020,
-11.4879, -2.0189


■ 140.8890,
-11.7773, -2.5337


■ 167.1880,
-11.9247, -1.9189


■ 194.6610,
-12.6509, -2.3337


■ 222.5470,


-13.0877, -2.2337


 249.3730,
-12.5089, -1.2041


 44.7580, -9.7407,
-2.4188


 44.7580, -9.7407,
-2.4188


 43.5900, -11.6299,
-3.1484


 45.9260, -7.8515,
-1.6891


 42.7210, -13.6665,
-3.2633


 46.7950, -5.8149,
-1.5742


 41.5530, -15.5556,
-3.9930

 47.9630, -3.9258,
-0.8446

 40.6840, -17.5922,
-4.1079

 48.8320, -1.8892,
-0.7297

 39.5160, -19.4814,
-4.8375

 50.0000, 0.0000,
0.0000

■ 51.1680, 1.8892,
0.7297

■ 52.0370, 3.9258,
0.8446

■ 53.2050, 5.8149,
1.5742

■ 54.0740, 7.8515,
1.6891

Harmonies

Analogous

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



45.9550, -11.8098, 7.9325



44.7580, -9.7407, -2.4188



42.4730, -4.1772, -13.5698

Triad

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



44.7580, -9.7407, -2.4188



38.5750, 14.5065, -32.9533



48.0070, -0.4965, 19.2879

Complementary

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



44.7580, -9.7407, -2.4188



30.2420, 9.7407, 2.4188

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.



48.5700, 5.6350, 12.6551



44.7580, -9.7407, -2.4188



44.7560, 13.4313, -14.6950

Square

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



44.7580, -9.7407, -2.4188



37.8370, 10.4334, -33.1830



48.0460, 10.3303, -0.0403



47.2260, -6.0274, 19.9728

Rectangle

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



44.7580, -9.7407, -2.4188



40.3840, 0.7967, -22.2618



48.0460, 10.3303, -0.0403



48.5660, 1.6930, 17.0436

Sweetspot

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



44.7580, -9.7407, -2.4188



61.9630, -3.9258, -0.8446



37.1710, -6.0003, 11.2510



31.7180, -2.3260, -0.6297



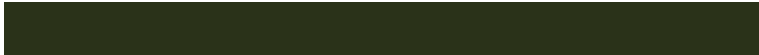
161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



44.7580, -9.7407, -2.4188



56.0800, -14.8294, -3.5782



41.1700, -7.9718, -9.7961



25.3590, -1.1630, -0.3148



70.4820, -34.7476, -8.3157



171.3320, -84.4667, -21.3392

Inverse Universe

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



30.2420, 9.7407, 2.4188



33.9200, 14.8294, 3.5782



33.8300, 7.9718, 9.7961



23.6410, 1.1630, 0.3148



18.8170, 34.6002, 8.9305



45.3690, 84.6141, 20.7244

Previews

White Background



This preview shows how the YUV color 44.7580, -9.7407, -2.4188 looks on a white background.

Color Contrast Check

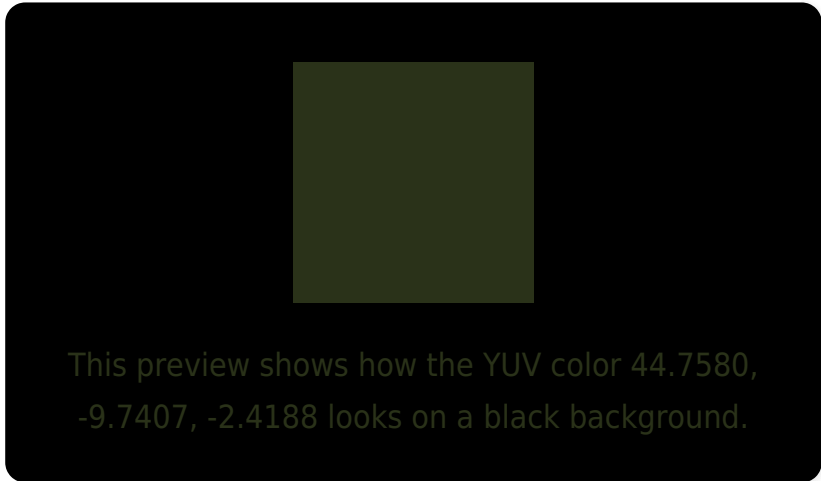
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.7580, -9.7407, -2.4188

Background



This preview shows how black text looks on a background with the YUV color 44.7580, -9.7407, -2.4188.



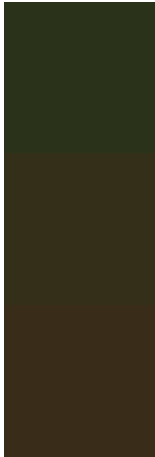
This preview shows how white text looks on a background with the YUV color 44.7580, -9.7407,

-2.4188.

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

44.7580, -9.7407, -2.4188

Protanopia

45.8730, -10.7834, 5.3734

Deuteranopia

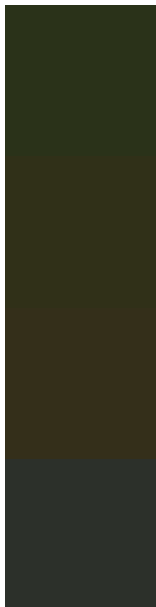
46.4220, -10.0680, 9.2769



Tritanopia

46.8580, 2.0420, -1.6295

Trichromacy



Original Color

44.7580, -9.7407, -2.4188

Protanomaly

45.2640, -10.4832, 2.3995

Deuteranomaly

46.1010, -9.9098, 5.1734

Tritanomaly

46.1200, -2.0312, -1.8592

Monochromacy



Original Color

44.7580, -9.7407, -2.4188

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.7580, -9.7407, -2.4188 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(42, 50, 25)` looks like.

```
.text, #text, p{  
    color:rgb(42, 50, 25)  
}
```

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(42, 50, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 50, 25) }
```

Border

The CSS property to change the border of an element to YUV 44.7580, -9.7407, -2.4188 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(42, 50, 25) }
```


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

```
.border{ border-color:rgb(42, 50, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 50, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 50, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 50, 25);  
box-shadow:4px 4px 4px 4px rgb(42, 50, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.7580, -9.7407, -2.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 50, 25) }
```

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

```
.background{ background-color: rgb(42, 50,  
25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor