

Converting Colors

YUV(47.7960, -20.6054,
29.1199)

Have a look what the booklet for
YUV(47.7960, -20.6054, 29.1199)
contains.

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Color

**YUV(47.7960, -20.6054,
29.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	512706
RGB	81, 39, 6
RGB Percent	32%, 15%, 2%
CMY	0.6824, 0.8471, 0.9765
CMYK	0.00, 0.52, 0.93, 0.68
HSL	26°, 86%, 17%
HSV	26°, 93%, 32%
XYZ	4.1517, 3.2135, 0.5737
YIQ	47.7960, 35.6250, -1.3590

Conversions

Conversions Part 2

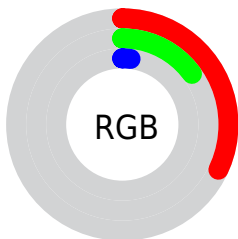
Format	Color
RYB	81, 65, 6
Decimal	5318406
CIELab	20.88, 17.13, 27.79
CIELCh	21, 32.646, 58.358
Yxy	3.2135, 0.5230, 0.4048
Android (android.graphics.Color)	4283508486 (0xFF512706)
YUV	47.7960, -20.6054, 29.1199
Hunter-Lab	17.9263, 9.9696, 10.6508

Details

The YUV color **47.7960, -20.6054, 29.1199** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **39.2040, 20.6054, -29.1199**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.7750, -22.0741, 33.5233**, and **9.8670, -4.8644, 20.2876** is the 20% darker color. If you saturate the color by 10%, you get **45.3510, -22.3580, 31.2642**, and if you desaturate by 10%, it is **51.6430, -18.5580, 25.7461**.

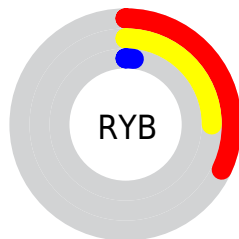
Distribution



Red (32%)

Green (15%)

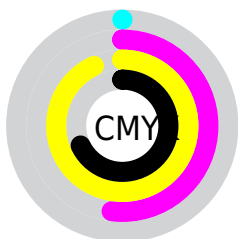
Blue (2%)



Red (32%)

Yellow (25%)

Blue (2%)

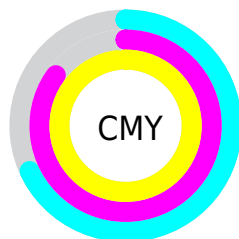


Cyan (0%)

Magenta (52%)

Yellow (93%)

Black (68%)



Cyan (68%)


Magenta (85%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 47.7960, -20.6054, 29.1199 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 47.7960, -20.6054, 29.1199 by changing the saturation by 10% instead.


 47.7960, -20.6054,
29.1199

 47.7960, -20.6054,
29.1199

 252.4920, -9.6096,
2.1995


 27.0110, -13.3164,
24.5464


 95.7750, -22.0741,
33.5233


 9.8670, -4.8644,
20.2876

 120.8570,
-23.1005, 36.0824

 0.0000, 0.0000,
0.0000

 147.3410,
-23.8321, 37.4119

 174.1240,
-24.7111, 39.3563

 201.9070,
-25.5902, 41.3006

 223.2150,

-22.7840, 27.8754

■ 242.7290,
-19.0934, 10.7617

■ 47.7960, -20.6054,
29.1199

■ 47.7960, -20.6054,
29.1199

■ 45.3510, -22.3580,
31.2642

■ 51.6430, -18.5580,
25.7461

■ 54.9030, -16.2212,
22.8871

■ 58.7500, -14.1738,
19.5132

■ 62.0100, -11.8369,
16.6542

■ 65.9710, -9.3527,
13.1804

■ 69.2310, -7.0159,
10.3214

■ 73.0780, -4.9685,
6.9476

■ 76.3380, -2.6316,
4.0886

■ 80.1850, -0.5842,
0.7148

Harmonies

Analogous

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



47.8370, -9.2866, 38.7310



47.7960, -20.6054, 29.1199



47.6000, -23.4668, 13.5058

Triad

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



47.7960, -20.6054, 29.1199



41.2790, 3.3135, -36.2017



50.4830, 20.9609, -3.0546

Complementary

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



47.7960, -20.6054, 29.1199



39.2040, 20.6054, -29.1199

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.



42.2830, 27.4685, -37.0822



47.7960, -20.6054, 29.1199



44.0150, 13.7966, -38.6012

Square

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



47.7960, -20.6054, 29.1199



37.2550, -7.0277, -32.6726



45.0070, 22.6745, -39.4711



51.3570, 12.1490, 23.3659

Rectangle

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



47.7960, -20.6054, 29.1199



45.4630, -22.4133, 2.2249



45.0070, 22.6745, -39.4711



48.0900, 23.6196, -15.8649

Sweetspot

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



47.7960, -20.6054, 29.1199



91.6010, -8.1843, 11.7509



33.2130, 7.2900, 41.9092



45.3770, -5.1159, 7.5624



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



47.7960, -20.6054, 29.1199



58.3970, -28.7897, 40.8708



69.5150, -31.3129, 10.0723



39.3700, -1.1684, 1.4295



129.2420, -63.7163, 90.1188

Inverse Universe

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



39.2040, 20.6054, -29.1199



46.6030, 28.7897, -40.8708



17.4850, 31.3129, -10.0723



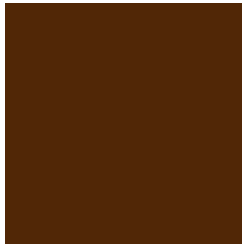
38.6300, 1.1684, -1.4295



102.7580, 63.7163, -90.1188

Previews

White Background



This preview shows how the YUV color 47.7960, -20.6054, 29.1199 looks on a white background.

Color Contrast Check

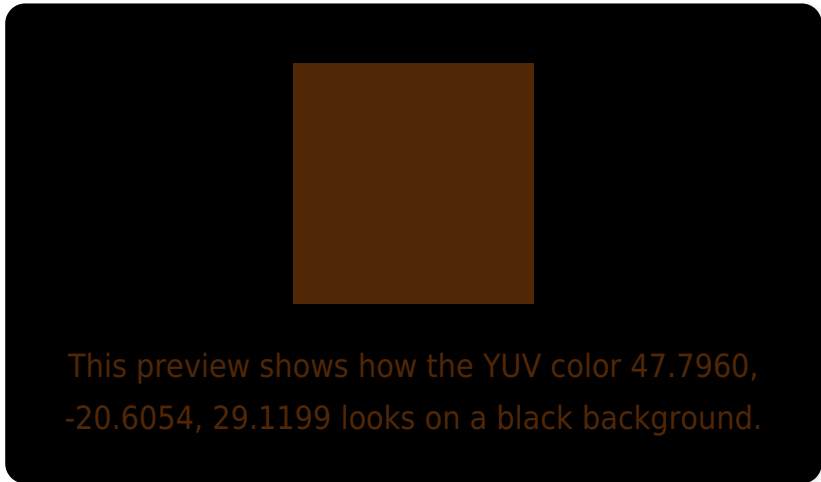
Large Text (above 18pt) WCAG AA ✓ Pass

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

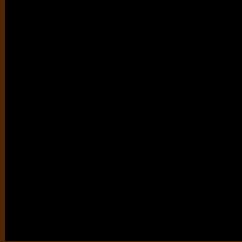
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7960, -20.6054, 29.1199

Background



This preview shows how black text looks on a background with the YUV color 47.7960, -20.6054, 29.1199.



This preview shows how white text looks on a background with the YUV color 47.7960, -20.6054,

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

47.7960, -20.6054, 29.1199

Protanopia

48.4190, -18.9406, 8.4025

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

50.0960, -5.4703, 27.9798

Trichromacy



Original Color

47.7960, -20.6054, 29.1199

Protanomaly

48.3490, -19.3991, 15.4799

Deuteranomaly

47.8720, -22.6149, 20.2833

Tritanomaly

49.3150, -11.0013, 28.6647

Monochromacy



Original Color

47.7960, -20.6054, 29.1199

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1170, -7.4527, 10.4214

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7960, -20.6054, 29.1199 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(81, 39, 6)` looks like.

```
.text, #text, p{  
    color:rgb(81, 39, 6)  
}
```

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(81, 39, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 39, 6) }
```

Border

The CSS property to change the border of an element to YUV 47.7960, -20.6054, 29.1199 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(81, 39, 6) }
```

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

```
.border{ border-color:rgb(81, 39, 6) }
```

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

Here you see how a box with a 4 pixel rgb(81, 39, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 39, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(81, 39, 6); box-shadow:4px  
4px 4px 4px rgb(81, 39, 6) }
```

Background

The CSS property to change the background color of an element to YUV 47.7960, -20.6054, 29.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 39, 6) }
```

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

```
.background{ background-color: rgb(81, 39,  
6) }
```

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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