

Converting Colors

YUV(47.0620, -17.2856,
37.6566)

Have a look what the booklet for
YUV(47.0620, -17.2856, 37.6566)
contains.

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Color

**YUV(47.0620, -17.2856,
37.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	5A200C
RGB	90, 32, 12
RGB Percent	35%, 13%, 5%
CMY	0.6471, 0.8745, 0.9529
CMYK	0.00, 0.64, 0.87, 0.65
HSL	15°, 76%, 20%
HSV	15°, 87%, 35%
XYZ	4.7993, 3.2332, 0.7189
YIQ	47.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

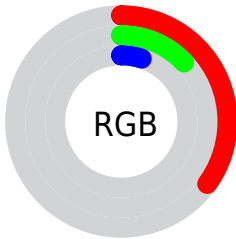
Format	Color
RYB	90, 39, 12
Decimal	5906444
CIELab	20.95, 25.52, 25.85
CIElCh	21, 36.321, 45.364
Yxy	3.2332, 0.5484, 0.3694
Android (android.graphics.Color)	4284096524 (0xFF5A200C)
YUV	47.0620, -17.2856, 37.6566
Hunter-Lab	17.9812, 16.1760, 10.2162

Details

The YUV color **47.0620, -17.2856, 37.6566** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **54.9380, 17.2856, -37.6566**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9980, -20.2120, 42.9748**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **41.9270, -19.1910, 42.1600**, and if you desaturate by 10%, it is **52.1970, -15.3801, 33.1532**.

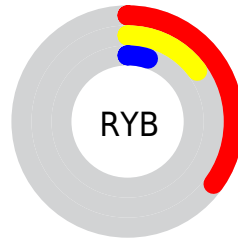
Distribution



Red (35%)

Green (13%)

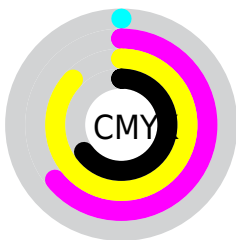
Blue (5%)



Red (35%)

Yellow (15%)

Blue (5%)

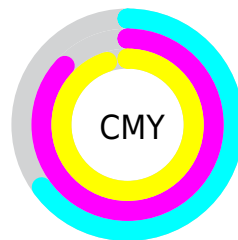


Cyan (0%)

Magenta (64%)

Yellow (87%)

Black (65%)



Cyan (65%)


Magenta (87%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 47.0620, -17.2856, 37.6566 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 47.0620, -17.2856, 37.6566 by changing the saturation by 10% instead.


 47.0620, -17.2856,
37.6566


 47.0620, -17.2856,
37.6566


 252.9480, -7.8624,
1.7996

 23.8320, -11.7492,
35.2273

 95.9980, -20.2120,
42.9748

 12.3730, -5.6069,
25.1059

 121.1940,
-20.8016, 45.4339

 0.0000, 0.0000,
0.0000


 147.8630,
-22.1175, 47.4781


 174.9450,
-23.1439, 50.0372


 200.6350,
-22.9911, 47.6781


 220.1490,


-19.3005, 30.5643


 239.7770,
-15.1731, 13.3506


 47.0620, -17.2856,
37.6566


 47.0620, -17.2856,
37.6566


 41.9270, -19.1910,
42.1600


 52.1970, -15.3801,
33.1532

 40.4110, -19.9226,
43.4896

 56.7450, -13.1853,
29.1646

 61.8800, -11.2798,
24.6612

 67.0150, -9.3744,
20.1578

 71.5630, -7.1796,
16.1692

■ 76.6980, -5.2741,
11.6659

■ 81.8330, -3.3687,
7.1625

■ 86.9680, -1.4632,
2.6591

■ 91.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



45.6620, -3.7774, 45.0234



47.0620, -17.2856, 37.6566



47.9540, -23.6413, 22.8423

Triad

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



47.0620, -17.2856, 37.6566



40.4980, -2.2175, -35.5167



43.9790, 28.6044, -28.0456

Complementary

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



47.0620, -17.2856, 37.6566



54.9380, 17.2856, -37.6566

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.



45.0870, 28.0581, -39.5413



47.0620, -17.2856, 37.6566



43.6900, 10.0128, -38.3161

Square

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



47.0620, -17.2856, 37.6566



40.2150, -16.3750, -21.2366



45.8390, 20.7854, -40.2008



51.4960, 17.9965, 14.4740

Rectangle

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



47.0620, -17.2856, 37.6566



47.5780, -23.4560, 10.0171



45.8390, 20.7854, -40.2008



42.3800, 30.3787, -37.1673

Sweetspot

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



47.0620, -17.2856, 37.6566



100.6660, -6.7373, 14.3249



42.0480, 14.2733, 42.0539



48.6160, -4.2477, 9.1068



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



47.0620, -17.2856, 37.6566



52.5930, -25.9283, 56.4849



69.9550, -28.5718, 17.5795



43.0820, -1.0264, 2.5591



49.3260, -24.3177, 53.2111



106.6700, -52.5883, 114.2994

Inverse Universe

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



54.9380, 17.2856, -37.6566



64.4070, 25.9283, -56.4849



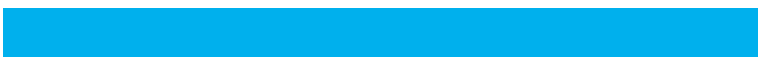
32.6320, 28.2824, -18.0943



43.9180, 1.0264, -2.5591



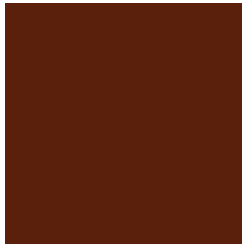
60.6740, 24.3177, -53.2111



130.3300, 52.5883, -114.2994

Previews

White Background



This preview shows how the YUV color 47.0620, -17.2856, 37.6566 looks on a white background.

Color Contrast Check

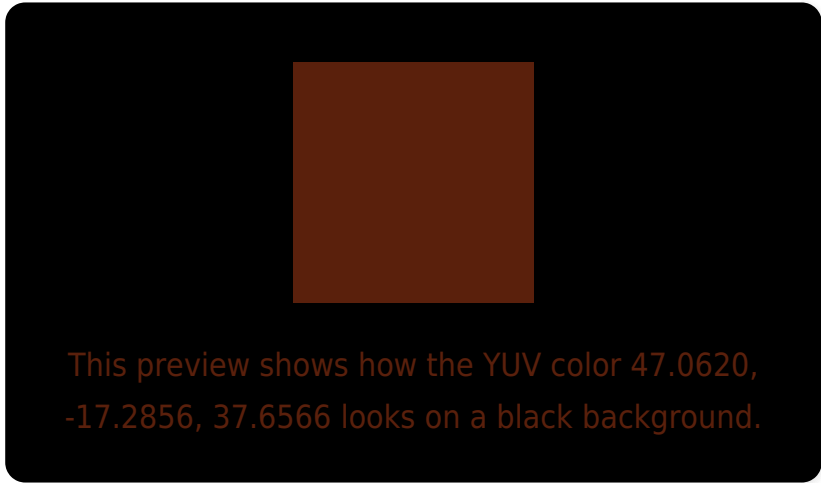
Large Text (above 18pt) WCAG AA ✓ Pass

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

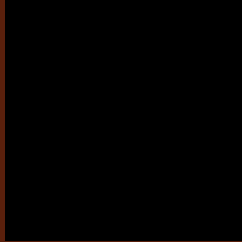
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0620, -17.2856, 37.6566

Background



This preview shows how black text looks on a background with the YUV color 47.0620, -17.2856, 37.6566.



This preview shows how white text looks on a background with the YUV color 47.0620, -17.2856,

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

47.0620, -17.2856, 37.6566

Protanopia

49.8040, -16.1724, 7.1879

Deuteranopia

48.1980, -23.7616, 14.7354



Tritanopia

48.4670, -8.1182, 37.3014

Trichromacy



Original Color

47.0620, -17.2856, 37.6566

Protanomaly

49.0550, -16.7891, 18.3688

Deuteranomaly

47.8230, -21.6047, 22.9572

Tritanomaly

48.2560, -11.4652, 37.4865

Monochromacy



Original Color

47.0620, -17.2856, 37.6566

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3670, -6.5899, 13.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0620, -17.2856, 37.6566 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(90, 32, 12)` looks like.

```
.text, #text, p{  
    color:rgb(90, 32, 12)  
}
```

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(90, 32, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 32, 12) }
```

Border

The CSS property to change the border of an element to YUV 47.0620, -17.2856, 37.6566 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(90, 32, 12) }
```


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

```
.border{ border-color:rgb(90, 32, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 32, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 32, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 32, 12);  
box-shadow:4px 4px 4px 4px rgb(90, 32, 12)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0620, -17.2856, 37.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 32, 12) }
```

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

```
.background{ background-color: rgb(90, 32,  
12) }
```

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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