

Converting Colors

YUV(36.0620, -17.2856,
37.6566)

Have a look what the booklet for
YUV(36.0620, -17.2856, 37.6566)
contains.

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Color

**YUV(36.0620, -17.2856,
37.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1501
RGB	79, 21, 1
RGB Percent	31%, 8%, 0%
CMY	0.6902, 0.9176, 0.9961
CMYK	0.00, 0.73, 0.99, 0.69
HSL	15°, 98%, 16%
HSV	15°, 99%, 31%
XYZ	3.4981, 2.2008, 0.2691
YIQ	36.0620, 40.9880, 6.0760

Conversions

Conversions Part 2

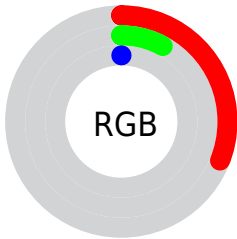
Format	Color
RYB	79, 28, 1
Decimal	5182721
CIELab	16.51, 26.20, 24.61
CIElCh	17, 35.945, 43.212
Yxy	2.2008, 0.5861, 0.3688
Android (android.graphics.Color)	4283372801 (0xFF4F1501)
YUV	36.0620, -17.2856, 37.6566
Hunter-Lab	14.8350, 16.1288, 9.3089

Details

The YUV color **36.0620, -17.2856, 37.6566** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **43.9380, 17.2856, -37.6566**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5680, -18.0280, 42.4749**, and **6.8770, -3.3904, 14.1399** is the 20% darker color. If you saturate the color by 10%, you get **35.3610, -17.4330, 38.2714**, and if you desaturate by 10%, it is **40.4960, -15.5275, 33.7680**.

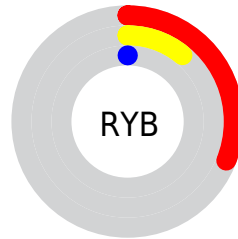
Distribution



Red (31%)

Green (8%)

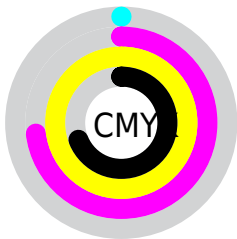
Blue (0%)



Red (31%)

Yellow (11%)

Blue (0%)

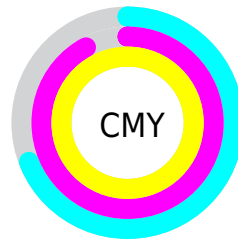


Cyan (0%)

Magenta (73%)

Yellow (99%)

Black (69%)



Cyan (69%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0620, -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 36.0620, -17.2856, 37.6566 by changing the saturation by 10% instead.

■ 36.0620, -17.2856,
37.6566

■ 36.0620, -17.2856,
37.6566

■ 251.2210,
-11.9410, 3.3142

■ 15.8470, -7.8126,
32.5832

■ 84.5680, -18.0280,
42.4749

■ 6.8770, -3.3904,
14.1399

■ 110.1230,
-19.7806, 44.6191

■ 0.0000, 0.0000,
0.0000


■ 136.2050,
-20.8071, 47.1782


■ 162.9880,
-21.6861, 49.1225


■ 190.7710,
-22.5651, 51.0668


■ 211.3780,


-19.9064, 38.2565


 231.0060,
-15.7790, 21.0427


 36.0620, -17.2856,
37.6566


 36.0620, -17.2856,
37.6566


 35.3610, -17.4330,
38.2714

 40.4960, -15.5275,
33.7680

 44.9300, -13.7695,
29.8794

 49.3640, -12.0115,
25.9908

 53.2110, -9.9640,
22.6170

 57.6450, -8.2060,
18.7283

■ 61.9650, -6.8847,
14.9397

■ 66.3990, -5.1267,
11.0511

■ 70.8330, -3.3687,
7.1625

■ 75.2670, -1.6106,
3.2738

Harmonies

Analogous

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



33.6450, -1.3040, 45.0383



36.0620, -17.2856, 37.6566



38.7950, -19.1259, 21.2278

Triad

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



36.0620, -17.2856, 37.6566



32.7870, -3.8390, -28.7542



33.8540, 28.1730, -29.6900

Complementary

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



36.0620, -17.2856, 37.6566



43.9380, 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.



38.4360, 25.4211, -33.7084



36.0620, -17.2856, 37.6566



36.4520, 7.6652, -31.9684

Square

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



36.0620, -17.2856, 37.6566



31.4650, -15.5122, -17.9478



38.6010, 18.4377, -33.8531



41.8870, 18.2967, 11.5001

Rectangle

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



36.0620, -17.2856, 37.6566



38.7180, -19.0880, 9.0173



38.6010, 18.4377, -33.8531



35.8430, 28.1784, -31.4343

Sweetspot

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



36.0620, -17.2856, 37.6566



84.9650, -6.8847, 14.9397



31.0480, 14.2733, 42.0539



40.7300, -3.8109, 9.0068



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



36.0620, -17.2856, 37.6566



45.7600, -22.5597, 49.3225



58.9550, -28.5718, 17.5795



35.7830, -0.8790, 1.9443



103.4030, -50.9777, 111.0256

Inverse Universe

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



43.9380, 17.2856, -37.6566



56.2400, 22.5597, -49.3225



21.0450, 28.5718, -17.5795



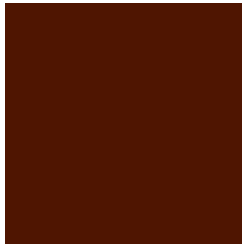
36.2170, 0.8790, -1.9443



126.5970, 50.9777, -111.0256

Previews

White Background



This preview shows how the YUV color 36.0620, -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

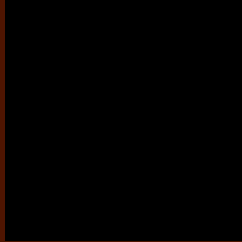
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0620, -17.2856, 37.6566

Background



This preview shows how black text looks on a background with the YUV color 36.0620, -17.2856, 37.6566.



This preview shows how white text looks on a background with the YUV color 36.0620, -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

36.0620, -17.2856, 37.6566

Protanopia

40.6190, -15.5882, 6.4731

Deuteranopia

40.2130, -19.8250, 12.0912



Tritanopia

37.6410, -8.6970, 36.2718

Trichromacy



Original Color

36.0620, -17.2856, 37.6566

Protanomaly

38.8700, -16.2049, 17.6540

Deuteranomaly

38.7950, -19.1259, 21.2278

Tritanomaly

36.8430, -11.7546, 36.9717

Monochromacy



Original Color

36.0620, -17.2856, 37.6566

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.3670, -6.5899, 13.7101

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0620, -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(79, 21, 1)` looks like.

```
.text, #text, p{  
    color:rgb(79, 21, 1)  
}
```

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(79, 21, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 21, 1) }
```

Border

The CSS property to change the border of an element to YUV 36.0620, -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(79, 21, 1) }
```

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

```
.border{ border-color:rgb(79, 21, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 21, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 21, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 21, 1); box-shadow:4px  
4px 4px 4px rgb(79, 21, 1) }
```

Background

The CSS property to change the background color of an element to YUV 36.0620, -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(79, 21, 1) }
```

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

```
.background{ background-color: rgb(79, 21,  
1) }
```

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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