

Converting Colors

YUV(36.7610, -14.1792,
21.2576)

Have a look what the booklet for
YUV(36.7610, -14.1792, 21.2576)
contains.

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Color

**YUV(36.7610, -14.1792,
21.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1E08
RGB	61, 30, 8
RGB Percent	24%, 12%, 3%
CMY	0.7608, 0.8824, 0.9686
CMYK	0.00, 0.51, 0.87, 0.76
HSL	25°, 77%, 14%
HSV	25°, 87%, 24%
XYZ	2.4326, 1.9382, 0.4756
YIQ	36.7610, 25.5380, -0.2700

Conversions

Conversions Part 2

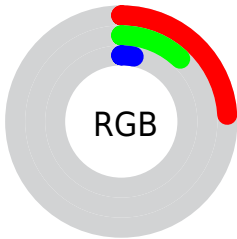
Format	Color
RYB	61, 46, 8
Decimal	4005384
CIELab	15.16, 13.04, 19.33
CIELCh	15, 23.321, 56.000
Yxy	1.9382, 0.5019, 0.3999
Android (android.graphics.Color)	4282195464 (0xFF3D1E08)
YUV	36.7610, -14.1792, 21.2576
Hunter-Lab	13.9218, 6.8262, 7.7197

Details

The YUV color **36.7610, -14.1792, 21.2576** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.2390, 14.1792, -21.2576**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5550, -15.0636, 24.9463**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.7290, -15.6424, 23.9167**, and if you desaturate by 10%, it is **39.7930, -12.7159, 18.5985**.

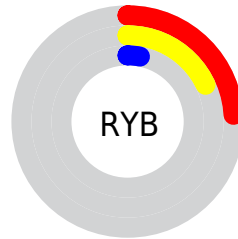
Distribution



 Red (24%)

 Green (12%)

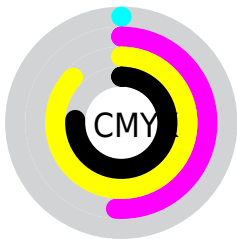
 Blue (3%)



 Red (24%)

 Yellow (18%)

 Blue (3%)

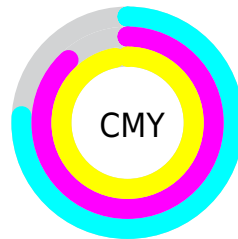


 Cyan (0%)


 Magenta (51%)

 Yellow (87%)

 Black (76%)



 Cyan (76%)

 Magenta (88%)

 Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7610, -14.1792, 21.2576 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 36.7610, -14.1792, 21.2576 by changing the saturation by 10% instead.

■ 36.7610, -14.1792,
21.2576

■ 36.7610, -14.1792,
21.2576

■ 252.4920, -9.6096,
2.1995

■ 16.0580, -7.9166,
19.2431

■ 82.5550, -15.0636,
24.9463

■ 0.0000, 0.0000,
0.0000

■ 107.3380,
-15.9426, 26.8906


■ 132.8220,
-16.6742, 28.2201


■ 159.3060,
-17.4059, 29.5496


■ 186.4910,
-17.9901, 30.2644


■ 214.0890,


-18.2849, 31.4939


 235.0980,
-15.3313, 17.4541


 36.7610, -14.1792,
21.2576


 36.7610, -14.1792,
21.2576


 33.7290, -15.6424,
23.9167


 39.7930, -12.7159,
18.5985

 32.9140, -16.2266,
24.6314

 42.2380, -10.9633,
16.4543

 45.2700, -9.5001,
13.7952

 47.7150, -7.7475,
11.6509

 50.8610, -5.8475,
8.8919

■ 53.3060, -4.0949,
6.7476

■ 56.3380, -2.6316,
4.0886

■ 59.3700, -1.1684,
1.4295

■ 61.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



36.9710, -5.9017, 26.3354



36.7610, -14.1792, 21.2576



35.7830, -17.6410, 11.5913

Triad

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



36.7610, -14.1792, 21.2576



30.9920, 1.9759, -27.1800



38.4630, 14.5617, -3.9141

Complementary

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



36.7610, -14.1792, 21.2576



32.2390, 14.1792, -21.2576

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.



32.1610, 19.1476, -28.2052



36.7610, -14.1792, 21.2576



32.9300, 9.4015, -28.8796

Square

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



36.7610, -14.1792, 21.2576



30.9840, -5.9081, -18.4030



33.2380, 15.6587, -29.1497



39.6780, 8.5397, 14.3144

Rectangle

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



36.7610, -14.1792, 21.2576



35.1410, -17.3245, 3.3843



33.2380, 15.6587, -29.1497



36.8750, 16.3306, -11.2914

Sweetspot

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



36.7610, -14.1792, 21.2576



69.5620, -5.7001, 8.2771



27.4950, 6.1650, 29.3839



34.8220, -3.3632, 5.4181



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



36.7610, -14.1792, 21.2576



42.9920, -21.1951, 31.5790



52.0230, -21.7033, 7.8728



29.4840, -0.7316, 1.3295



50.9990, -25.1425, 37.7119



120.3820, -59.3483, 89.1190

Inverse Universe

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



32.2390, 14.1792, -21.2576



36.0080, 21.1951, -31.5790



16.9770, 21.7033, -7.8728



28.9290, 1.0210, -0.8147



43.0010, 25.1425, -37.7119



101.6180, 59.3483, -89.1190

Previews

White Background



This preview shows how the YUV color 36.7610, -14.1792, 21.2576 looks on a white background.

Color Contrast Check

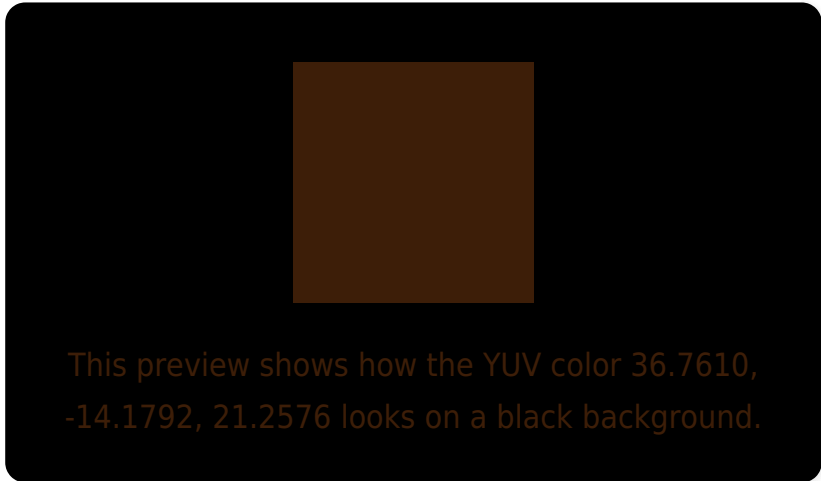
Large Text (above 18pt) WCAG AA ✓ Pass

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

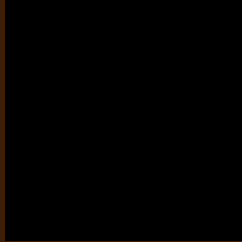
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.7610, -14.1792, 21.2576

Background



This preview shows how black text looks on a background with the YUV color 36.7610, -14.1792, 21.2576.

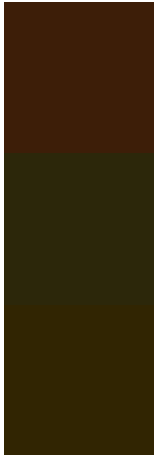


This preview shows how white text looks on a background with the YUV color 36.7610, -14.1792,

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

36.7610, -14.1792, 21.2576

Protanopia

37.1890, -13.4042, 5.9732

Deuteranopia

36.5980, -17.0568, 10.8766



Tritanopia

38.3940, -4.1382, 20.7025

Trichromacy



Original Color

36.7610, -14.1792, 21.2576

Protanomaly

37.1080, -13.8572, 11.3063

Deuteranomaly

36.2610, -15.9047, 14.6801

Tritanomaly

38.0690, -7.9220, 20.9875

Monochromacy



Original Color

36.7610, -14.1792, 21.2576

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6760, -5.2633, 8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7610, -14.1792, 21.2576 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(61, 30, 8)` looks like.

```
.text, #text, p{  
    color:rgb(61, 30, 8)  
}
```

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(61, 30, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 30, 8) }
```

Border

The CSS property to change the border of an element to YUV 36.7610, -14.1792, 21.2576 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(61, 30, 8) }
```


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

```
.border{ border-color:rgb(61, 30, 8) }
```

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

Here you see how a box with a 4 pixel rgb(61, 30, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 30, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 30, 8); box-shadow:4px  
4px 4px 4px rgb(61, 30, 8) }
```

Background

The CSS property to change the background color of an element to YUV 36.7610, -14.1792, 21.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 30, 8) }
```

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

```
.background{ background-color: rgb(61, 30,  
8) }
```

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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