

Converting Colors

YUV(46.1260, -14.3591,
32.3385)

Have a look what the booklet for
YUV(46.1260, -14.3591, 32.3385)
contains.

YUV(46.1260, -14.3591, 32.3385)	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(46.1260, -14.3591,
32.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	532111
RGB	83, 33, 17
RGB Percent	33%, 13%, 7%
CMY	0.6745, 0.8706, 0.9333
CMYK	0.00, 0.60, 0.80, 0.67
HSL	15°, 66%, 20%
HSV	15°, 80%, 33%
XYZ	4.2123, 2.9672, 0.8810
YIQ	46.1260, 34.9360, 5.6240

Conversions

Conversions Part 2

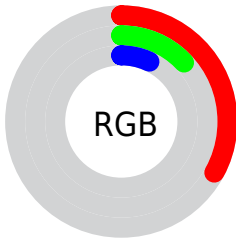
Format	Color
RYB	83, 38, 17
Decimal	5447953
CIELab	19.91, 22.15, 21.73
CIELCh	20, 31.028, 44.452
Yxy	2.9672, 0.5226, 0.3681
Android (android.graphics.Color)	4283638033 (0xFF532111)
YUV	46.1260, -14.3591, 32.3385
Hunter-Lab	17.2255, 13.5056, 9.0254

Details

The YUV color **46.1260, -14.3591, 32.3385** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53.8740, 14.3591, -32.3385**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1760, -16.8488, 37.5566**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **41.6920, -16.1172, 36.2271**, and if you desaturate by 10%, it is **50.5600, -12.6011, 28.4499**.

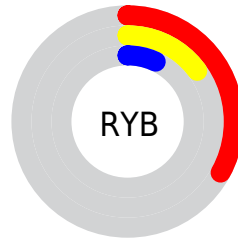
Distribution



Red (33%)

Green (13%)

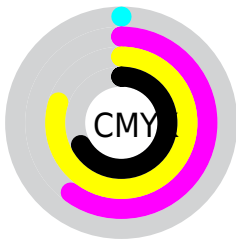
Blue (7%)



Red (33%)

Yellow (15%)

Blue (7%)

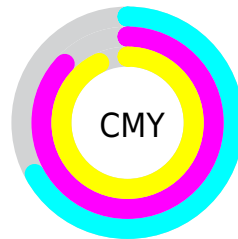


Cyan (0%)

Magenta (60%)

Yellow (80%)

Black (67%)



Cyan (67%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1260, -14.3591, 32.3385 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 46.1260, -14.3591, 32.3385 by changing the saturation by 10% instead.

46.1260, -14.3591,
32.3385

46.1260, -14.3591,
32.3385

253.5180, -5.6784,
1.2997

23.7990, -11.7329,
29.9943

94.1760, -16.8488,
37.5566

10.5790, -4.7224,
21.4172

118.9590,
-17.7278, 39.5010

0.0000, 0.0000,
0.0000


145.6280,
-19.0436, 41.5452


172.5250,
-19.4858, 43.3896


200.0090,
-20.2174, 44.7191


220.7190,


-17.1165, 30.0644


 240.3470,
-12.9891, 12.8507


 46.1260, -14.3591,
32.3385


 46.1260, -14.3591,
32.3385


 41.6920, -16.1172,
36.2271


 50.5600, -12.6011,
28.4499

 36.5570, -18.0226,
40.7305

 55.6950, -10.6956,
23.9465

 60.1290, -8.9376,
20.0579

 64.5630, -7.1796,
16.1692

 69.1110, -4.9847,
12.1807

■ 74.1320, -3.5161,
7.7772

■ 78.5660, -1.7580,
3.8886

■ 83.0000, 0.0000,
0.0000

■ 88.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



46.2050, -4.0451, 37.5312



46.1260, -14.3591, 32.3385



45.8720, -22.6149, 20.2833

Triad

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



46.1260, -14.3591, 32.3385



38.0360, -1.4967, -33.3576



44.3560, 23.4885, -20.4832

Complementary

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



46.1260, -14.3591, 32.3385



53.8740, 14.3591, -32.3385

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.



42.1860, 24.5583, -36.9971



46.1260, -14.3591, 32.3385



41.3590, 8.6970, -36.2718

Square

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



46.1260, -14.3591, 32.3385



40.3450, -13.4811, -16.0886



43.0520, 17.7224, -37.7566



49.7900, 15.3865, 11.5852

Rectangle

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



46.1260, -14.3591, 32.3385



45.2190, -22.2930, 10.3319



43.0520, 17.7224, -37.7566



40.0660, 26.5895, -35.1379

Sweetspot

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



46.1260, -14.3591, 32.3385



92.8830, -5.8583, 12.3806



42.5480, 12.5478, 35.4764



45.1320, -3.5161, 7.7772



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.



46.1260, -14.3591, 32.3385



50.1730, -22.2703, 49.8373



64.9100, -23.6196, 15.8649



38.7830, -0.8790, 1.9443



46.0700, -22.7125, 51.6816



102.2400, -50.4043, 113.7995

Inverse Universe

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



53.8740, 14.3591, -32.3385



61.8270, 22.2703, -49.8373



35.0900, 23.6196, -15.8649



39.2170, 0.8790, -1.9443



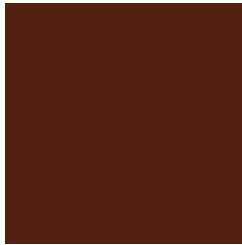
58.3430, 23.0019, -51.1668



129.7600, 50.4043, -113.7995

Previews

White Background



This preview shows how the YUV color 46.1260, -14.3591, 32.3385 looks on a white background.

Color Contrast Check

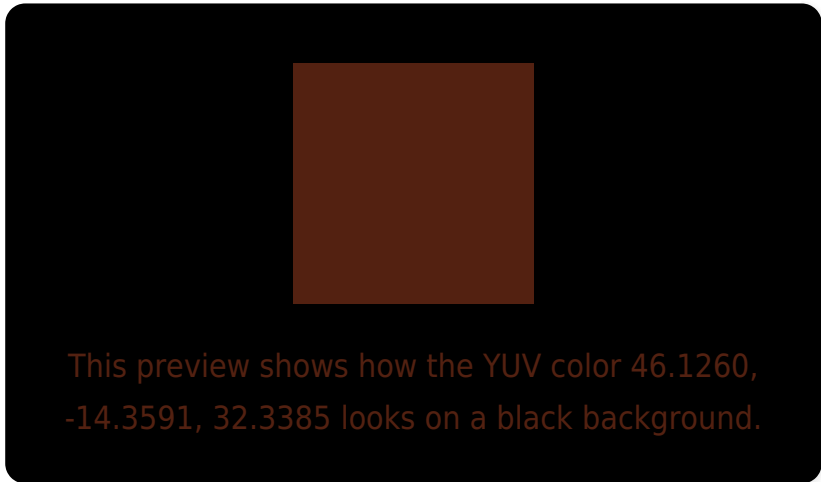
Large Text (above 18pt) WCAG AA ✓ Pass

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

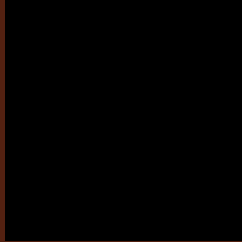
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.1260, -14.3591, 32.3385

Background



This preview shows how black text looks on a background with the YUV color 46.1260, -14.3591, 32.3385.

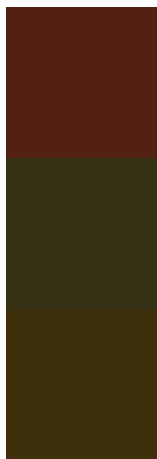


This preview shows how white text looks on a background with the YUV color 46.1260, -14.3591,

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

46.1260, -14.3591, 32.3385

Protanopia

47.7160, -12.6780, 6.3881

Deuteranopia

47.6090, -17.0622, 12.6209



Tritanopia

47.0750, -6.9390, 32.3832

Trichromacy



Original Color

46.1260, -14.3591, 32.3385

Protanomaly

46.9560, -13.2893, 15.8246

Deuteranomaly

47.1800, -16.3577, 20.0131

Tritanomaly

46.9780, -9.8492, 32.4683

Monochromacy



Original Color

46.1260, -14.3591, 32.3385

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.6980, -5.2741, 11.6659

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1260, -14.3591, 32.3385 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(83, 33, 17)` looks like.

```
.text, #text, p{  
    color:rgb(83, 33, 17)  
}
```

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(83, 33, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 33, 17) }
```

Border

The CSS property to change the border of an element to YUV 46.1260, -14.3591, 32.3385 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(83, 33, 17) }
```


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

```
.border{ border-color:rgb(83, 33, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 33, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 33, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 33, 17);  
box-shadow:4px 4px 4px 4px rgb(83, 33, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.1260, -14.3591, 32.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 33, 17) }
```

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

```
.background{ background-color: rgb(83, 33,  
17) }
```

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