

Converting Colors

YUV(40.8570, -9.7895, 13.2804)

Have a look what the booklet for
YUV(40.8570, -9.7895, 13.2804)
contains.

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Color

**YUV(40.8570, -9.7895,
13.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	382515
RGB	56, 37, 21
RGB Percent	22%, 15%, 8%
CMY	0.7804, 0.8549, 0.9176
CMYK	0.00, 0.34, 0.62, 0.78
HSL	27°, 45%, 15%
HSV	27°, 63%, 22%
XYZ	2.4278, 2.2180, 1.0096
YIQ	40.8570, 16.4600, -0.9480

Conversions

Conversions Part 2

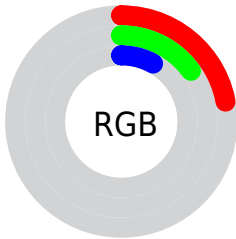
Format	Color
R_{YB}	56, 50, 21
Decimal	3679509
CIE _{Lab}	16.59, 6.77, 14.18
CIE _{LCh}	17, 15.709, 64.477
Yxy	2.2180, 0.4293, 0.3922
Android (android.graphics.Color)	4281869589 (0xFF382515)
YUV	40.8570, -9.7895, 13.2804
Hunter-Lab	14.8931, 3.0356, 6.4058

Details

The YUV color **40.8570, -9.7895, 13.2804** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.1430, 9.7895, -13.2804**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.8250, -11.2527, 15.9395**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.4120, -11.5421, 15.4247**, and if you desaturate by 10%, it is **43.3020, -8.0369, 11.1361**.

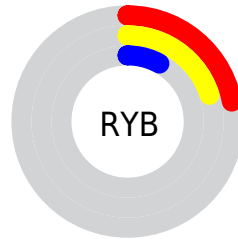
Distribution



Red (22%)

Green (15%)

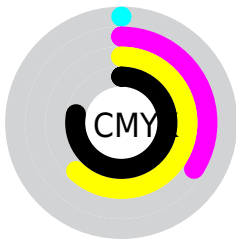
Blue (8%)



Red (22%)

Yellow (20%)

Blue (8%)

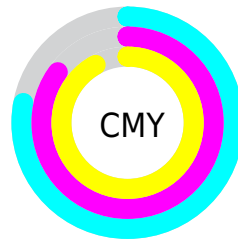


Cyan (0%)

Magenta (34%)

Yellow (62%)

Black (78%)



Cyan (78%)

Magenta (85%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8570, -9.7895, 13.2804 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 40.8570, -9.7895, 13.2804 by changing the saturation by 10% instead.

■ 40.8570, -9.7895,
13.2804

■ 40.8570, -9.7895,
13.2804

■ 254.0880, -3.4944,
0.7998

■ 19.8570, -9.7895,
13.2804

■ 86.8250, -11.2527,
15.9395

■ 0.0000, 0.0000,
0.0000

■ 111.0100,
-11.8369, 16.6542

■ 136.6080,
-12.1317, 17.8838

■ 162.7930,
-12.7159, 18.5985

■ 189.9780,
-13.3002, 19.3133

■ 217.8640,

-13.7370, 19.4133

■ 241.9770,
-11.8207, 11.4212

■ 40.8570, -9.7895,
13.2804

■ 40.8570, -9.7895,
13.2804

■ 38.4120, -11.5421,
15.4247

■ 43.3020, -8.0369,
11.1361

■ 36.0810, -12.8579,
17.4690

■ 45.6330, -6.7211,
9.0919

■ 33.6360, -14.6105,
19.6132

■ 48.0780, -4.9685,
6.9476

■ 32.0060, -15.7790,
21.0427

■ 50.4090, -3.6526,
4.9033

■ 52.8540, -1.9000,
2.7590

■ 55.2990, -0.1474,
0.6148

■ 57.6300, 1.1684,
-1.4295

■ 60.0750, 2.9210,
-3.5738

■ 62.4060, 4.2368,
-5.6181

Harmonies

Analogous

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



41.2150, -6.0220, 18.2284



40.8570, -9.7895, 13.2804



40.1720, -10.9308, 5.9882

Triad

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



40.8570, -9.7895, 13.2804



33.2740, 4.3019, -26.5503



41.6010, 8.5777, 2.1039

Complementary

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



40.8570, -9.7895, 13.2804



36.1430, 9.7895, -13.2804

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.



39.9090, 11.3839, -11.3212



40.8570, -9.7895, 13.2804



33.6310, 9.5489, -29.4944

Square

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



40.8570, -9.7895, 13.2804



36.8150, -2.8668, -13.8698



34.5650, 13.0325, -26.8055



42.5160, 4.1826, 11.8255

Rectangle

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



40.8570, -9.7895, 13.2804



39.1820, -9.4567, -0.1596



34.5650, 13.0325, -26.8055



41.5080, 9.6096, -2.1995

Sweetspot

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



40.8570, -9.7895, 13.2804



67.7080, -3.8000, 5.5181



33.6310, 3.1399, 19.6176



34.0390, -2.4842, 3.4738



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



40.8570, -9.7895, 13.2804



50.0060, -15.7790, 21.0427



50.8360, -14.7091, 4.5288



27.0710, -1.0210, 0.8147



52.1620, -25.7159, 34.9379



124.1810, -61.2212, 83.1563

Inverse Universe

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



36.1430, 9.7895, -13.2804



42.5810, 15.4896, -21.5575



26.1640, 14.7091, -4.5288



26.5160, 0.7316, -1.3295



39.8380, 25.7159, -34.9379



94.8190, 61.2212, -83.1563

Previews

White Background



This preview shows how the YUV color 40.8570, -9.7895, 13.2804 looks on a white background.

Color Contrast Check

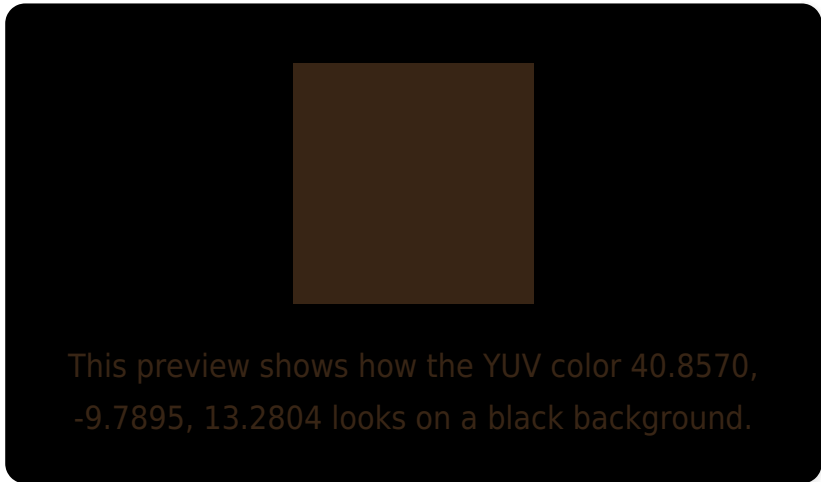
Large Text (above 18pt) WCAG AA ✓ Pass

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

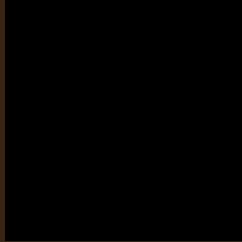
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.8570, -9.7895, 13.2804

Background



This preview shows how black text looks on a background with the YUV color 40.8570, -9.7895, 13.2804.

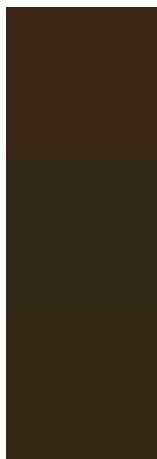


This preview shows how white text looks on a background with the YUV color 40.8570, -9.7895,

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

40.8570, -9.7895, 13.2804

Protanopia

40.3290, -9.0362, 4.9735

Deuteranopia

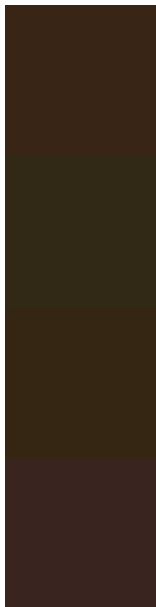
40.4220, -10.0680, 9.2769



Tritanopia

41.9200, -1.9326, 13.2252

Trichromacy



Original Color

40.8570, -9.7895, 13.2804

Protanomaly

40.9380, -9.3364, 7.9474

Deuteranomaly

40.4330, -10.0735, 11.0213

Tritanomaly

41.8230, -4.8427, 13.3102

Monochromacy



Original Color

40.8570, -9.7895, 13.2804

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1100, -3.5052, 4.2885

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8570, -9.7895, 13.2804 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(56, 37, 21)` looks like.

```
.text, #text, p{  
    color:rgb(56, 37, 21)  
}
```

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(56, 37, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 37, 21) }
```

Border

The CSS property to change the border of an element to YUV 40.8570, -9.7895, 13.2804 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(56, 37, 21) }
```


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

```
.border{ border-color:rgb(56, 37, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 37, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 37, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 37, 21);  
box-shadow:4px 4px 4px 4px rgb(56, 37, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.8570, -9.7895, 13.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 37, 21) }
```

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

```
.background{ background-color: rgb(56, 37,  
21) }
```

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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