

Converting Colors

YUV(48.5620, -5.7001, 8.2771)

Have a look what the booklet for
YUV(48.5620, -5.7001, 8.2771)
contains.

YUV(48.5620, -5.7001, 8.2771)	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(48.5620, -5.7001,
8.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2E25
RGB	58, 46, 37
RGB Percent	23%, 18%, 15%
CMY	0.7725, 0.8196, 0.8549
CMYK	0.00, 0.21, 0.36, 0.77
HSL	26°, 22%, 19%
HSV	26°, 36%, 23%
XYZ	3.0558, 2.9871, 2.1658
YIQ	48.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

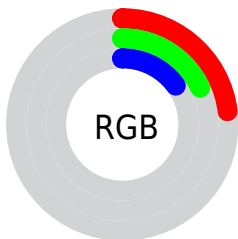
Format	Color
R_{YB}	58, 53, 37
Decimal	3812901
CIE Lab	19.99, 3.85, 7.87
CIE LCh	20, 8.758, 63.918
Yxy	2.9871, 0.3723, 0.3639
Android (android.graphics.Color)	4282002981 (0xFF3A2E25)
YUV	48.5620, -5.7001, 8.2771
Hunter-Lab	17.2832, 1.3149, 4.6686

Details

The YUV color **48.5620, -5.7001, 8.2771** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.4380, 5.7001, -8.2771**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.0460, -6.4317, 9.6067**, and **2.9900, -1.4741, 6.1478** is the 20% darker color. If you saturate the color by 10%, you get **46.1170, -7.4527, 10.4214**, and if you desaturate by 10%, it is **51.0070, -3.9475, 6.1329**.

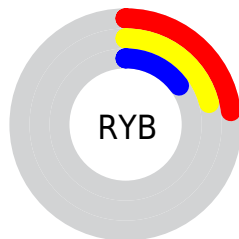
Distribution



 Red (23%)

 Green (18%)

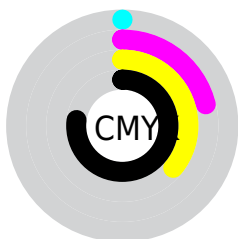
 Blue (15%)




 Red (23%)

 Yellow (21%)

 Blue (15%)

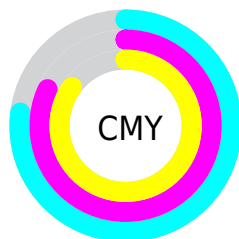



 Cyan (0%)


 Magenta (21%)

 Yellow (36%)

 Black (77%)



 Cyan (77%)

 Magenta (82%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5620, -5.7001, 8.2771 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 48.5620, -5.7001, 8.2771 by changing the saturation by 10% instead.

■ 48.5620, -5.7001,
8.2771

■ 48.5620, -5.7001,
8.2771

255.0000, 0.0000,
0.0000

■ 27.2630, -5.5527,
7.6623

■ 95.0460, -6.4317,
9.6067

■ 2.9900, -1.4741,
6.1478

■ 119.3450, -6.5791,
10.2214

■ 0.0000, 0.0000,
0.0000

■ 145.2310, -7.0159,
10.3214

■ 171.5300, -7.1633,
10.9362

■ 198.8290, -7.3107,
11.5510

■ 226.8290, -7.3107,

11.5510

■ 251.5290, -5.6838,
3.0441

■ 48.5620, -5.7001,
8.2771

■ 48.5620, -5.7001,
8.2771

■ 46.1170, -7.4527,
10.4214

■ 51.0070, -3.9475,
6.1329

■ 43.0850, -8.9159,
13.0805

■ 54.0390, -2.4842,
3.4738

■ 40.7540, -10.2317,
15.1247

■ 56.3700, -1.1684,
1.4295

■ 38.3090, -11.9843,
17.2690

■ 58.8150, 0.5842,
-0.7148

■ 35.2770, -13.4476,
19.9281

■ 61.8470, 2.0474,
-3.3738

■ 32.8320, -15.2002,
22.0723

■ 64.2920, 3.8000,
-5.5181

■ 32.0170, -15.7844,
22.7871

■ 66.7370, 5.5527,
-7.6623

■ 69.6550, 6.5791,
-10.2214

■ 72.1000, 8.3317,
-12.3657

Harmonies

Analogous

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



48.7410, -3.8163, 10.7511



48.5620, -5.7001, 8.2771



47.8280, -5.8312, 3.6588

Triad

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



48.5620, -5.7001, 8.2771



45.6780, 1.6377, -11.9956



48.6780, 5.0887, 1.1594

Complementary

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



48.5620, -5.7001, 8.2771



46.4380, 5.7001, -8.2771

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.



48.2750, 6.2734, -5.5032



48.5620, -5.7001, 8.2771



46.0630, 4.4059, -13.2103

Square

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



48.5620, -5.7001, 8.2771



46.0870, -2.0149, -7.0923



46.3560, 6.7265, -10.8362



49.6140, 2.1623, 6.4775

Rectangle

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



48.5620, -5.7001, 8.2771



47.3330, -5.0942, 0.5850



46.3560, 6.7265, -10.8362



48.7810, 5.5310, -0.6849

Sweetspot

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



48.5620, -5.7001, 8.2771



73.0390, -2.4842, 3.4738



44.6470, 2.1460, 11.7106



35.6690, -1.3158, 2.0443



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.



48.5620, -5.7001, 8.2771



62.0850, -8.9159, 13.0805



54.4320, -8.5940, 3.1291



26.4840, -0.7316, 1.3295



50.4010, -24.8477, 36.4823



120.6590, -59.4849, 86.2451

Inverse Universe

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



46.4380, 5.7001, -8.2771



58.3280, 9.2053, -12.5657



40.5680, 8.5940, -3.1291



26.5160, 0.7316, -1.3295



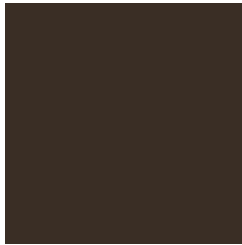
41.0120, 25.1371, -35.9675



98.3410, 59.4849, -86.2451

Previews

White Background



This preview shows how the YUV color 48.5620, -5.7001, 8.2771 looks on a white background.

Color Contrast Check

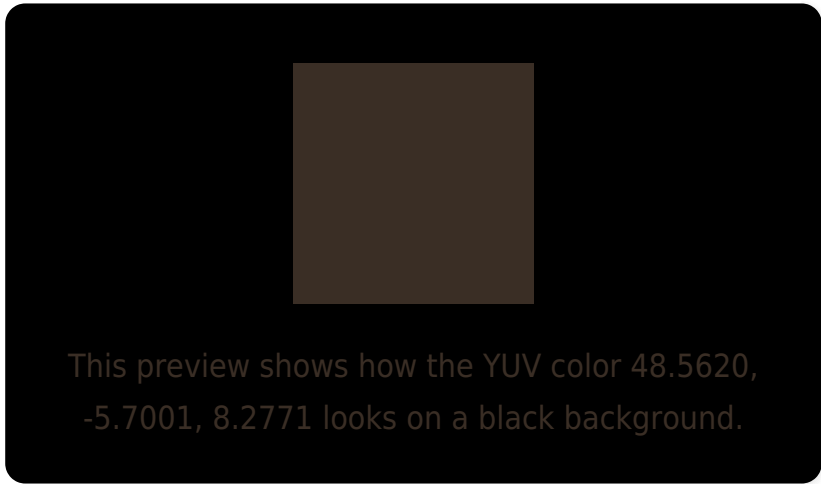
Large Text (above 18pt) WCAG AA ✓ Pass

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

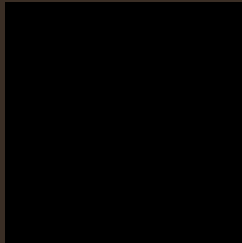
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.5620, -5.7001, 8.2771

Background



This preview shows how black text looks on a background with the YUV color 48.5620, -5.7001, 8.2771.

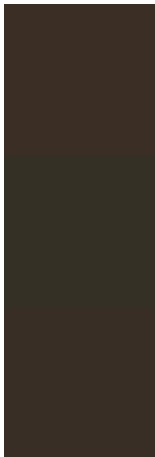


This preview shows how white text looks on a background with the YUV color 48.5620, -5.7001,

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

48.5620, -5.7001, 8.2771

Protanopia

48.0560, -4.9576, 3.4589

Deuteranopia

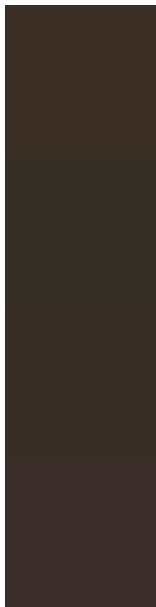
48.2630, -5.5527, 7.6623



Tritanopia

48.9410, -0.4639, 8.8217

Trichromacy



Original Color

48.5620, -5.7001, 8.2771

Protanomaly

48.0670, -4.9630, 5.2032

Deuteranomaly

48.2630, -5.5527, 7.6623

Tritanomaly

49.0720, -2.5005, 8.7069

Monochromacy



Original Color

48.5620, -5.7001, 8.2771

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5620, -5.7001, 8.2771 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(58, 46, 37)` looks like.

```
.text, #text, p{  
    color:rgb(58, 46, 37)  
}
```

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(58, 46, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 46, 37) }
```

Border

The CSS property to change the border of an element to YUV 48.5620, -5.7001, 8.2771 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(58, 46, 37) }
```


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

```
.border{ border-color:rgb(58, 46, 37) }
```

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

Here you see how a box with a 4 pixel rgb(58, 46, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 46, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 46, 37);  
box-shadow:4px 4px 4px 4px rgb(58, 46, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5620, -5.7001, 8.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 46, 37) }
```

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

```
.background{ background-color: rgb(58, 46,  
37) }
```

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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