

Converting Colors

YUV(70.5420, -8.6482, 20.5727)

Have a look what the booklet for
YUV(70.5420, -8.6482, 20.5727)
contains.

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Color

**YUV(70.5420, -8.6482,
20.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3E35
RGB	94, 62, 53
RGB Percent	37%, 24%, 21%
CMY	0.6314, 0.7569, 0.7922
CMYK	0.00, 0.34, 0.44, 0.63
HSL	13°, 28%, 29%
HSV	13°, 44%, 37%
XYZ	6.9813, 6.0820, 4.1741
YIQ	70.5420, 21.9610, 3.9850

Conversions

Conversions Part 2

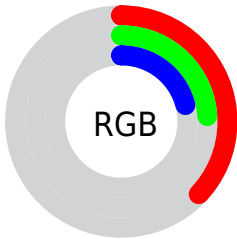
Format	Color
RYB	94, 65, 53
Decimal	6176309
CIELab	29.62, 12.77, 11.22
CIELCh	30, 16.993, 41.300
Yxy	6.0820, 0.4050, 0.3528
Android (android.graphics.Color)	4284366389 (0xFF5E3E35)
YUV	70.5420, -8.6482, 20.5727
Hunter-Lab	24.6617, 7.3726, 7.2280




Details

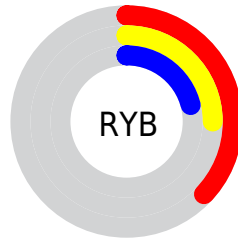
The YUV color **70.5420, -8.6482, 20.5727** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.4580, 8.6482, -20.5727**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.6240, -9.6746, 23.1318**, and **25.8190, -8.7848, 17.6987** is the 20% darker color. If you saturate the color by 10%, you get **65.4070, -10.5537, 25.0761**, and if you desaturate by 10%, it is **75.6770, -6.7428, 16.0693**.

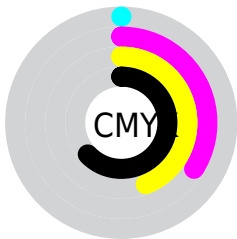
Distribution







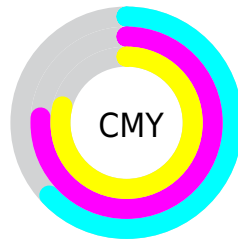
-  Red (37%)
-  Green (24%)
-  Blue (21%)






-  Red (37%)
-  Yellow (25%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (34%)
-  Yellow (44%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (76%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.5420, -8.6482, 20.5727 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 70.5420, -8.6482, 20.5727 by changing the saturation by 10% instead.

■ 70.5420, -8.6482,
20.5727

■ 70.5420, -8.6482,
20.5727

■ 255.0000, 0.0000,
0.0000

■ 47.7590, -7.7692,
18.6284

■ 119.6240, -9.6746,
23.1318

■ 25.8190, -8.7848,
17.6987

■ 145.2220, -9.9694,
24.3613

■ 6.8770, -3.3904,
14.1399

■ 171.7060,
-10.7011, 25.6908

■ 0.0000, 0.0000,
0.0000

■ 199.0050,
-10.8485, 26.3056

■ 226.4070,
-10.5537, 25.0761

■ 246.6220, -6.7156,

7.3475

■ 70.5420, -8.6482,
20.5727

■ 70.5420, -8.6482,
20.5727

■ 65.4070, -10.5537,
25.0761

■ 75.6770, -6.7428,
16.0693

■ 59.5710, -12.6065,
30.1942

■ 81.5130, -4.6899,
10.9511

■ 54.4360, -14.5119,
34.6976

■ 86.6480, -2.7845,
6.4477

■ 49.1870, -16.8542,
39.3010

■ 91.8970, -0.4422,
1.8443

■ 43.4650, -18.4702,
44.3192

■ 97.6190, 1.1738,
-3.1739

■ 40.4330, -19.9335,
46.9783

■ 102.7540, 3.0793,
-7.6773

■ 108.0030, 5.4215,
-12.2806

■ 113.7250, 7.0376,
-17.2988

■ 118.9740, 9.3798,
-21.9022

Harmonies

Analogous

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



71.3340, -3.1227, 21.6321



70.5420, -8.6482, 20.5727



69.5860, -12.1209, 14.3951

Triad

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



70.5420, -8.6482, 20.5727



64.7220, -1.8349, -18.1732



69.2730, 12.6834, -8.1324

Complementary

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



70.5420, -8.6482, 20.5727



76.4580, 8.6482, -20.5727

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.



65.5270, 14.0372, -22.3872



70.5420, -8.6482, 20.5727



62.6050, 5.6177, -28.5946

Square

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



70.5420, -8.6482, 20.5727



66.7790, -8.2720, -6.8222



62.3040, 12.1751, -31.8386



71.7370, 9.0037, 5.4927

Rectangle

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



70.5420, -8.6482, 20.5727



68.7270, -12.6834, 8.1324



62.3040, 12.1751, -31.8386



68.4680, 13.5733, -13.5654

Sweetspot

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



70.5420, -8.6482, 20.5727



113.1320, -3.5161, 7.7772



68.9070, 7.9338, 22.0066



55.7510, -2.3422, 4.6034



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.5420, -8.6482, 20.5727



86.0550, -13.3381, 31.5238



82.2820, -14.4360, 10.2767



43.0820, -1.0264, 2.5591



46.9780, -23.1602, 55.2703



101.3870, -49.9838, 118.9326

Inverse Universe

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



76.4580, 8.6482, -20.5727



94.9450, 13.3381, -31.5238



64.7180, 14.4360, -10.2767



43.9180, 1.0264, -2.5591



63.0220, 23.1602, -55.2703



135.6130, 49.9838, -118.9326

Previews

White Background



This preview shows how the YUV color 70.5420, -8.6482, 20.5727 looks on a white background.

Color Contrast Check

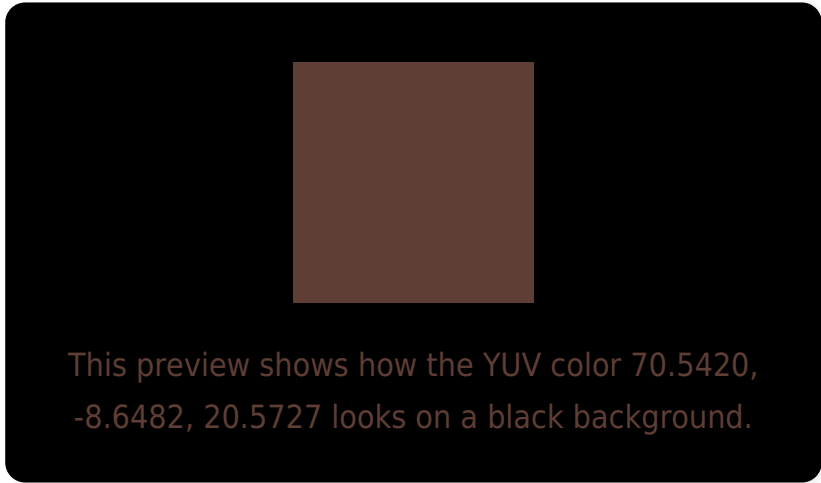
Large Text (above 18pt) WCAG AA ✓ Pass

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

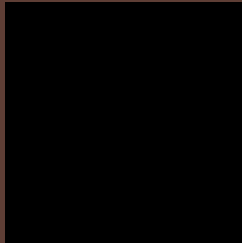
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.5420, -8.6482, 20.5727

Background



This preview shows how black text looks on a background with the YUV color 70.5420, -8.6482, 20.5727.



This preview shows how white text looks on a background with the YUV color 70.5420, -8.6482,

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

70.5420, -8.6482, 20.5727

Protanopia

69.7140, -6.2680, 3.7588

Deuteranopia

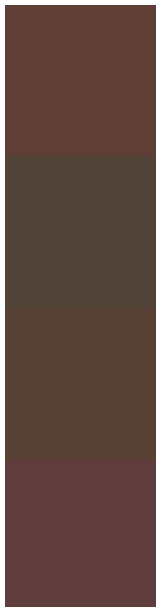
70.0740, -8.9105, 11.3361



Tritanopia

71.0350, -2.9753, 21.0173

Trichromacy



Original Color

70.5420, -8.6482, 20.5727

Protanomaly

69.9320, -6.8685, 9.7066

Deuteranomaly

70.0960, -8.9213, 14.8248

Tritanomaly

71.1660, -5.0118, 20.9024

Monochromacy



Original Color

70.5420, -8.6482, 20.5727

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.5420, -8.6482, 20.5727 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(94, 62, 53)` looks like.

```
.text, #text, p{  
    color:rgb(94, 62, 53)  
}
```

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(94, 62, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 62, 53) }
```

Border

The CSS property to change the border of an element to YUV 70.5420, -8.6482, 20.5727 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(94, 62, 53) }
```


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

```
.border{ border-color:rgb(94, 62, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 62, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 62, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 62, 53);  
box-shadow:4px 4px 4px 4px rgb(94, 62, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.5420, -8.6482, 20.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 62, 53) }
```

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

```
.background{ background-color: rgb(94, 62,  
53) }
```

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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