

Converting Colors

YUV(42.1520, -6.9769, 44.5937)

Have a look what the booklet for
YUV(42.1520, -6.9769, 44.5937)
contains.

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Color

**YUV(42.1520, -6.9769,
44.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	5D131C
RGB	93, 19, 28
RGB Percent	36%, 7%, 11%
CMY	0.6353, 0.9255, 0.8902
CMYK	0.00, 0.80, 0.70, 0.64
HSL	353°, 66%, 22%
HSV	353°, 80%, 36%
XYZ	4.9567, 2.8767, 1.3926
YIQ	42.1520, 41.2150, 18.4870

Conversions

Conversions Part 2

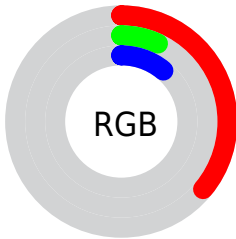
Format	Color
RYB	93, 19, 28
Decimal	6099740
CIELab	19.54, 33.60, 14.51
CIELCh	20, 36.599, 23.356
Yxy	2.8767, 0.5372, 0.3118
Android (android.graphics.Color)	4284289820 (0xFF5D131C)
YUV	42.1520, -6.9769, 44.5937
Hunter-Lab	16.9610, 22.4832, 7.0045

Details

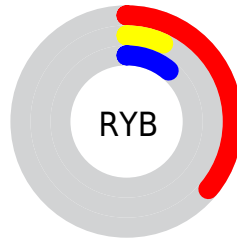
The YUV color **42.1520, -6.9769, 44.5937** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **69.8480, 6.9769, -44.5937**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.8490, -10.7716, 48.3674**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **35.9570, -7.8668, 50.0267**, and if you desaturate by 10%, it is **48.3470, -6.0871, 39.1607**.

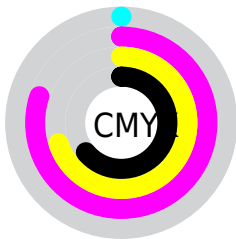
Distribution



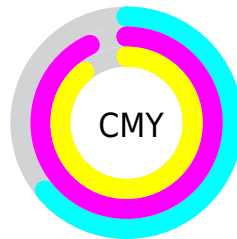
- Red (36%)
- Green (7%)
- Blue (11%)



- Red (36%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (70%)
- Black (64%)



- Cyan (64%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1520, -6.9769, 44.5937 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 42.1520, -6.9769, 44.5937 by changing the saturation by 10% instead.

■ 42.1520, -6.9769,
44.5937

■ 42.1520, -6.9769,
44.5937

255.0000, 0.0000,
0.0000

■ 20.2610, -9.0027,
40.9901

■ 92.8490, -10.7716,
48.3674

■ 13.2700, -6.0491,
26.9502

■ 118.6320,
-11.6506, 50.3117

■ 0.0000, 0.0000,
0.0000

■ 144.8280,
-12.2402, 52.7708

■ 172.4970,
-13.5560, 54.8151

■ 197.4040,
-12.5242, 50.5117

■ 216.3310, -8.5442,

33.9127

236.5460, -4.7062,
16.1842

42.1520, -6.9769,
44.5937

42.1520, -6.9769,
44.5937

35.9570, -7.8668,
50.0267

48.3470, -6.0871,
39.1607

29.1750, -8.4673,
55.9745

55.1290, -5.4866,
33.2129

29.0610, -8.9041,
56.0745

61.4380, -4.1599,
27.6799

67.6330, -3.2701,
22.2469

74.4150, -2.6696,
16.2990

■ 80.6100, -1.7797,
10.8660

■ 86.8050, -0.8899,
5.4330

■ 93.0000, 0.0000,
0.0000

■ 99.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



42.7570, 5.5428, 42.3091



42.1520, -6.9769, 44.5937



43.6010, -21.4953, 34.5529

Triad

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



42.1520, -6.9769, 44.5937



34.8270, -11.2537, -30.5433



42.0380, 29.0683, -36.8673

Complementary

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



42.1520, -6.9769, 44.5937



69.8480, 6.9769, -44.5937

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.



43.7190, 22.8165, -38.3416



42.1520, -6.9769, 44.5937



39.1930, 0.3979, -34.3723

Square

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



42.1520, -6.9769, 44.5937



42.4840, -20.9446, -2.1785



42.3850, 12.6282, -37.1716



45.5680, 25.3560, -12.7761

Rectangle

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



42.1520, -6.9769, 44.5937



44.7090, -22.0415, 23.0572



42.3850, 12.6282, -37.1716



43.5710, 27.3265, -38.2118

Sweetspot

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



42.1520, -6.9769, 44.5937



100.1270, -2.5276, 17.4286



46.5720, 22.8890, 31.9474



48.7240, -1.3429, 10.7661



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.



42.1520, -6.9769, 44.5937



41.6820, -10.6892, 68.6849



56.9750, -18.7217, 31.5939



42.6090, -0.3002, 2.9739



34.3720, -10.5364, 66.3258



74.1690, -22.2683, 142.8028

Inverse Universe

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



42.1520, -6.9769, 44.5937



41.6820, -10.6892, 68.6849



55.0250, 18.7217, -31.5939



42.6090, -0.3002, 2.9739



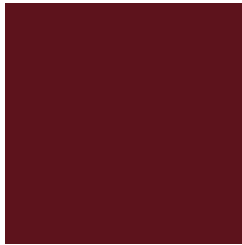
34.3720, -10.5364, 66.3258



74.1690, -22.2683, 142.8028

Previews

White Background



This preview shows how the YUV color 42.1520, -6.9769, 44.5937 looks on a white background.

Color Contrast Check

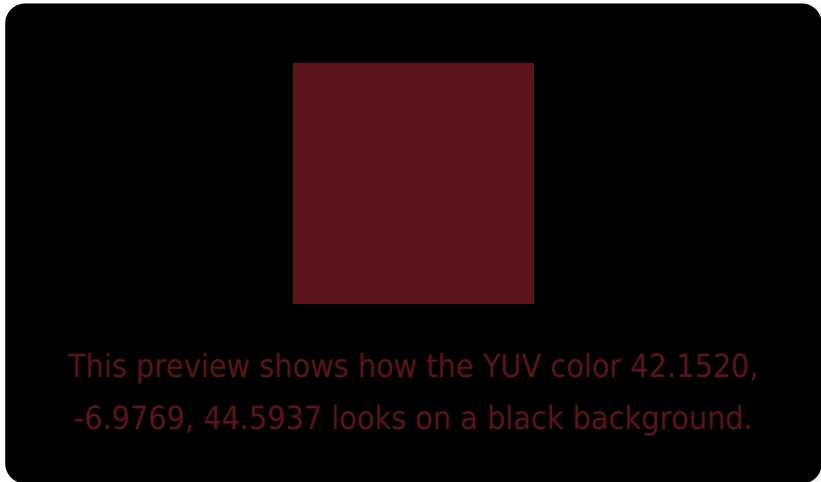
Large Text (above 18pt) WCAG AA ✓ Pass

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

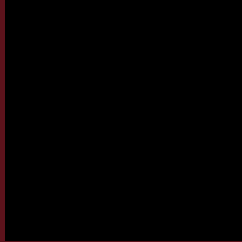
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1520, -6.9769, 44.5937

Background



This preview shows how black text looks on a background with the YUV color 42.1520, -6.9769, 44.5937.

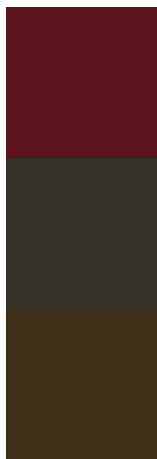


This preview shows how white text looks on a background with the YUV color 42.1520, -6.9769,

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

42.1520, -6.9769, 44.5937

Protanopia

49.0560, -4.9576, 3.4589

Deuteranopia

48.5640, -12.1101, 10.9064



Tritanopia

41.9410, -10.3239, 44.7787

Trichromacy



Original Color

42.1520, -6.9769, 44.5937

Protanomaly

46.6280, -5.7326, 18.7432

Deuteranomaly

46.3960, -10.5482, 23.3317

Tritanomaly

42.2830, -9.0135, 44.4788

Monochromacy



Original Color

42.1520, -6.9769, 44.5937

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.4150, -2.6696, 16.2990

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1520, -6.9769, 44.5937 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(93, 19, 28)` looks like.

```
.text, #text, p{  
    color:rgb(93, 19, 28)  
}
```

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(93, 19, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 19, 28) }
```

Border

The CSS property to change the border of an element to YUV 42.1520, -6.9769, 44.5937 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(93, 19, 28) }
```


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

```
.border{ border-color:rgb(93, 19, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 19, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 19, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 19, 28);  
box-shadow:4px 4px 4px 4px rgb(93, 19, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1520, -6.9769, 44.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 19, 28) }
```

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

```
.background{ background-color: rgb(93, 19,  
28) }
```

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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