

Converting Colors

YUV(54.2240, -12.9284,
40.1456)

Have a look what the booklet for
YUV(54.2240, -12.9284, 40.1456)
contains.

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Color

**YUV(54.2240, -12.9284,
40.1456)**

Conversions

Conversions Part 1

Format	Color
Hex	64241C
RGB	100, 36, 28
RGB Percent	39%, 14%, 11%
CMY	0.6078, 0.8588, 0.8902
CMYK	0.00, 0.64, 0.72, 0.61
HSL	7°, 56%, 25%
HSV	7°, 72%, 39%
XYZ	6.0960, 4.0549, 1.5600
YIQ	54.2240, 40.7120, 11.0800

Conversions

Conversions Part 2

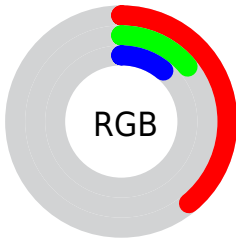
Format	Color
RYB	100, 37, 28
Decimal	6562844
CIELab	23.85, 28.37, 20.14
CIELCh	24, 34.786, 35.369
Yxy	4.0549, 0.5205, 0.3463
Android (android.graphics.Color)	4284752924 (0xFF64241C)
YUV	54.2240, -12.9284, 40.1456
Hunter-Lab	20.1368, 18.7977, 9.5026

Details

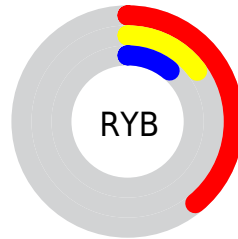
The YUV color **54.2240, -12.9284, 40.1456** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.7760, 12.9284, -40.1456**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8610, -15.7075, 44.8489**, and **14.3520, -7.0755, 29.5093** is the 20% darker color. If you saturate the color by 10%, you get **47.8010, -14.6919, 45.7785**, and if you desaturate by 10%, it is **60.6470, -11.1650, 34.5126**.

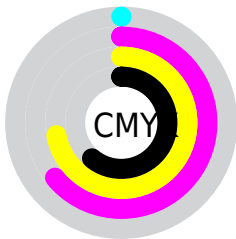
Distribution



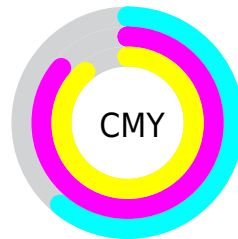
- Red (39%)
- Green (14%)
- Blue (11%)



- Red (39%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)
- Black (61%)



- Cyan (61%)
- Magenta (86%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.2240, -12.9284, 40.1456 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 54.2240, -12.9284, 40.1456 by changing the saturation by 10% instead.

■ 54.2240, -12.9284,
40.1456

■ 54.2240, -12.9284,
40.1456

255.0000, 0.0000,
0.0000

■ 29.5120, -13.0704,
39.0160

■ 103.8610,
-15.7075, 44.8489

■ 14.3520, -7.0755,
29.5093

■ 129.9430,
-16.7339, 47.4080

■ 1.4950, -0.7370,
3.0739

■ 156.0250,
-17.7603, 49.9671

■ 0.0000, 0.0000,
0.0000

■ 183.5090,
-18.4919, 51.2966

■ 206.3230,
-16.4282, 42.6897

■ 225.8370,

-12.7376, 25.5760

246.0520, -8.8996,
7.8474

54.2240, -12.9284,
40.1456

54.2240, -12.9284,
40.1456

47.8010, -14.6919,
45.7785

60.6470, -11.1650,
34.5126

41.3780, -16.4554,
51.4115

67.0700, -9.4015,
28.8796

36.3570, -17.9240,
55.8149

73.4930, -7.6380,
23.2466

79.9160, -5.8746,
17.6137

85.7520, -3.8217,
12.4955

■ 92.1750, -2.0583,
6.8625

■ 98.5980, -0.2948,
1.2296

■ 105.0210, 1.4686,
-4.4034

■ 111.4440, 3.2321,
-10.0364

Harmonies

Analogous

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



54.4490, -0.7144, 42.5792



54.2240, -12.9284, 40.1456



53.8730, -24.0944, 28.1754

Triad

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



54.2240, -12.9284, 40.1456



43.2050, -4.5381, -37.8908



46.4720, 30.8263, -40.7559

Complementary

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



54.2240, -12.9284, 40.1456



73.7760, 12.9284, -40.1456

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.



50.0110, 26.6166, -43.8596



54.2240, -12.9284, 40.1456



47.4570, 6.6767, -41.6198

Square

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



54.2240, -12.9284, 40.1456



49.9560, -20.1913, -10.4854



49.7200, 17.8860, -43.6044



58.4130, 20.5024, 4.0228

Rectangle

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



54.2240, -12.9284, 40.1456



53.5250, -26.3878, 17.0796



49.7200, 17.8860, -43.6044



48.2330, 29.9581, -42.3003

Sweetspot

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



54.2240, -12.9284, 40.1456



112.0190, -5.4324, 15.7693



56.9380, 17.7786, 37.7654



55.2570, -3.0847, 9.4216



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



54.2240, -12.9284, 40.1456



59.1190, -20.2717, 62.1626



74.7690, -23.0571, 22.1276



47.4950, -0.7370, 3.0739



42.0160, -20.7139, 64.0070



88.2070, -43.4861, 134.8765

Inverse Universe

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



73.7760, 12.9284, -40.1456



89.4680, 19.9823, -62.6774



53.2310, 23.0571, -22.1276



48.9180, 1.0264, -2.5591



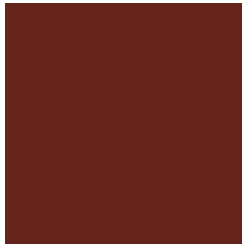
72.9840, 20.7139, -64.0070



153.7930, 43.4861, -134.8765

Previews

White Background



This preview shows how the YUV color 54.2240, -12.9284, 40.1456 looks on a white background.

Color Contrast Check

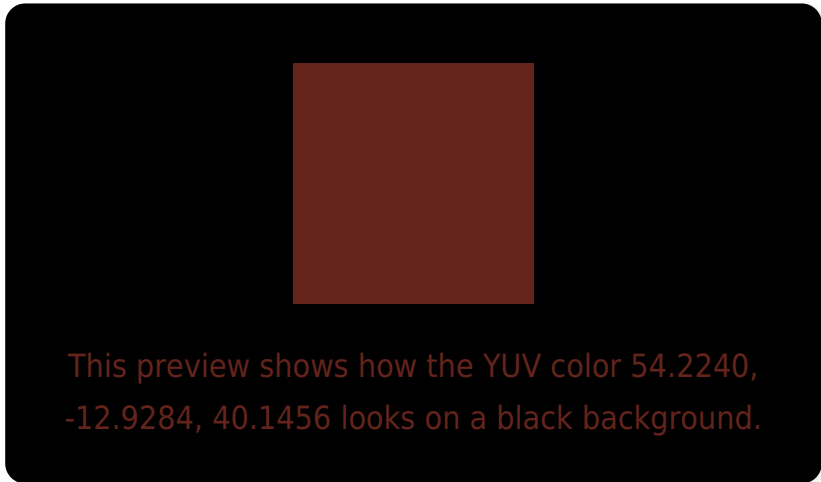
Large Text (above 18pt) WCAG AA ✓ Pass

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

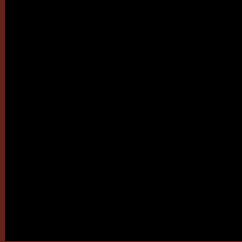
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.2240, -12.9284, 40.1456

Background



This preview shows how black text looks on a background with the YUV color 54.2240, -12.9284, 40.1456.

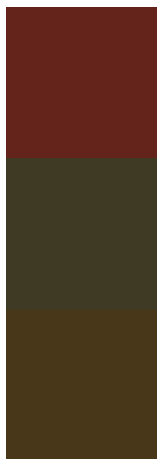


This preview shows how white text looks on a background with the YUV color 54.2240, -12.9284,

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

54.2240, -12.9284, 40.1456

Protanopia

56.8730, -10.7834, 5.3734

Deuteranopia

56.5490, -16.0467, 13.5505



Tritanopia

54.6630, -8.7079, 39.7605

Trichromacy



Original Color

54.2240, -12.9284, 40.1456

Protanomaly

55.7220, -11.6949, 17.7838

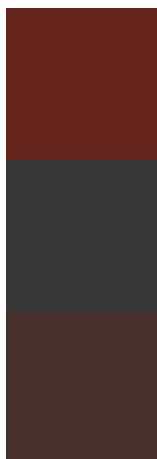
Deuteranomaly

55.5440, -15.0582, 23.2019

Tritanomaly

54.3210, -10.0183, 40.0605

Monochromacy



Original Color

54.2240, -12.9284, 40.1456

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.2240, -12.9284, 40.1456 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(100, 36, 28)` looks like.

```
.text, #text, p{  
    color:rgb(100, 36, 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(100, 36, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 36, 28) }
```

Border

The CSS property to change the border of an element to YUV 54.2240, -12.9284, 40.1456 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(100, 36, 28) }
```


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

```
.border{ border-color:rgb(100, 36, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 36, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 36, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 36, 28);  
box-shadow:4px 4px 4px 4px rgb(100, 36,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 54.2240, -12.9284, 40.1456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 36, 28) }
```

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

```
.background{ background-color: rgb(100, 36,  
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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