

Converting Colors

YUV(54.8010, -18.1429,
32.6235)

Have a look what the booklet for
YUV(54.8010, -18.1429, 32.6235)
contains.

YUV(54.8010, -18.1429, 32.6235)	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(54.8010, -18.1429,
32.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	5C2B12
RGB	92, 43, 18
RGB Percent	36%, 17%, 7%
CMY	0.6392, 0.8314, 0.9294
CMYK	0.00, 0.53, 0.80, 0.64
HSL	20°, 67%, 22%
HSV	20°, 80%, 36%
XYZ	5.3867, 4.0467, 1.0695
YIQ	54.8010, 37.2290, 2.6130

Conversions

Conversions Part 2

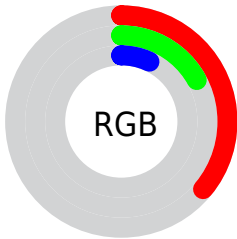
Format	Color
R_{YB}	92, 56, 18
Decimal	6040338
CIE _{Lab}	23.83, 20.40, 25.83
CIE _{LCh}	24, 32.914, 51.707
Yxy	4.0467, 0.5129, 0.3853
Android (android.graphics.Color)	4284230418 (0xFF5C2B12)
YUV	54.8010, -18.1429, 32.6235
Hunter-Lab	20.1165, 12.5939, 10.9295

Details

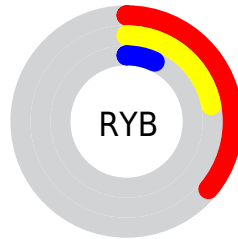
The YUV color **54.8010, -18.1429, 32.6235** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.1990, 18.1429, -32.6235**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.5520, -20.4851, 37.2269**, and **12.5580, -6.1911, 25.8206** is the 20% darker color. If you saturate the color by 10%, you get **50.2530, -20.3377, 36.6121**, and if you desaturate by 10%, it is **59.3490, -15.9481, 28.6349**.

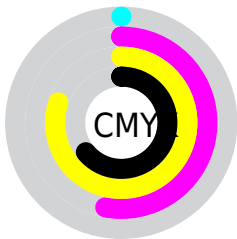
Distribution



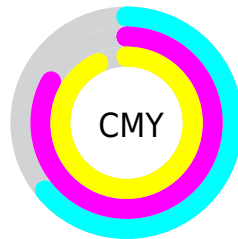
- Red (36%)
- Green (17%)
- Blue (7%)



- Red (36%)
- Yellow (22%)
- Blue (7%)



- Cyan (0%)
- Magenta (53%)
- Yellow (80%)
- Black (64%)





- Cyan (64%)
- Magenta (83%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.8010, -18.1429, 32.6235 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 54.8010, -18.1429, 32.6235 by changing the saturation by 10% instead.


 54.8010, -18.1429,
32.6235


 54.8010, -18.1429,
32.6235

 253.8600, -4.3680,
0.9998


 32.3600, -15.9535,
30.3793


 103.5520,
-20.4851, 37.2269

 12.5580, -6.1911,
25.8206

 128.6340,
-21.5116, 39.7860

 0.0000, 0.0000,
0.0000

 155.4170,
-22.3906, 41.7303

 182.7870,
-23.5590, 43.1598

 208.5910,
-22.9694, 40.7007

 228.1050,

-19.2788, 23.5869

■ 248.3200,
-15.4408, 5.8584

■ 54.8010, -18.1429,
32.6235

■ 54.8010, -18.1429,
32.6235

■ 50.2530, -20.3377,
36.6121

■ 59.3490, -15.9481,
28.6349

■ 45.7050, -22.5326,
40.6007

■ 63.8970, -13.7532,
24.6463

■ 68.5590, -11.1216,
20.5578

■ 73.1070, -8.9268,
16.5692

■ 77.6550, -6.7319,
12.5806

■ 82.7900, -4.8265,
8.0772

■ 87.3380, -2.6316,
4.0886

■ 92.0000, 0.0000,
0.0000

■ 96.5480, 2.1948,
-3.9886

Harmonies

Analogous

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



54.7170, -7.2555, 40.5902



54.8010, -18.1429, 32.6235



53.6500, -25.9565, 18.7240

Triad

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



54.8010, -18.1429, 32.6235



45.5020, 1.7245, -39.9053



55.7100, 23.3140, -11.1467

Complementary

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



54.8010, -18.1429, 32.6235



55.1990, 18.1429, -32.6235

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.



48.4780, 28.3583, -42.5152



54.8010, -18.1429, 32.6235



48.3520, 12.6445, -42.4047

Square

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



54.8010, -18.1429, 32.6235



47.1590, -11.4174, -24.6954



49.5720, 22.3960, -43.4746



58.6060, 14.4912, 18.7625

Rectangle

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



54.8010, -18.1429, 32.6235



52.6870, -25.4817, 6.4135



49.5720, 22.3960, -43.4746



51.4200, 26.4149, -25.8013

Sweetspot

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



54.8010, -18.1429, 32.6235



105.5410, -7.1687, 12.6805



45.7120, 10.4950, 40.5946



51.9040, -4.3897, 7.9772



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.



54.8010, -18.1429, 32.6235



61.5770, -28.3855, 51.2370



76.5200, -28.8504, 13.5760



43.6690, -1.3158, 2.0443



54.6090, -26.9222, 48.5779



117.8230, -58.0867, 104.5182

Inverse Universe

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



55.1990, 18.1429, -32.6235



62.4230, 28.3855, -51.2370



33.4800, 28.8504, -13.5760



43.3310, 1.3158, -2.0443



55.3910, 26.9222, -48.5779



119.1770, 58.0867, -104.5182

Previews

White Background



This preview shows how the YUV color 54.8010, -18.1429, 32.6235 looks on a white background.

Color Contrast Check

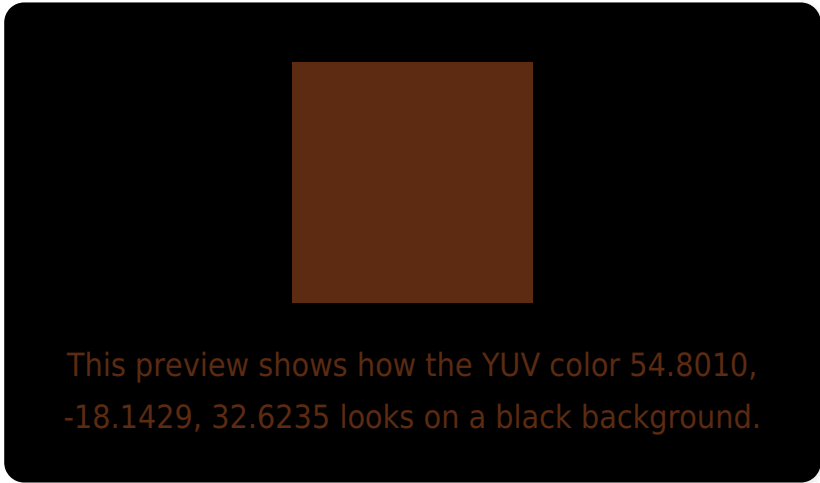
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.8010, -18.1429, 32.6235

Background



This preview shows how black text looks on a background with the YUV color 54.8010, -18.1429, 32.6235.



This preview shows how white text looks on a background with the YUV color 54.8010, -18.1429,

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

54.8010, -18.1429, 32.6235

Protanopia

55.6900, -16.6092, 7.2879

Deuteranopia

55.4090, -20.4146, 14.5503



Tritanopia

56.1890, -6.5022, 32.2832

Trichromacy



Original Color

54.8010, -18.1429, 32.6235

Protanomaly

55.6310, -17.0731, 16.1096

Deuteranomaly

55.2680, -19.8521, 20.8130

Tritanomaly

55.7500, -10.7227, 32.6683

Monochromacy



Original Color

54.8010, -18.1429, 32.6235

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0570, -6.4371, 11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8010, -18.1429, 32.6235 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(92, 43, 18)` looks like.

```
.text, #text, p{  
    color:rgb(92, 43, 18)  
}
```

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(92, 43, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 43, 18) }
```

Border

The CSS property to change the border of an element to YUV 54.8010, -18.1429, 32.6235 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(92, 43, 18) }
```


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

```
.border{ border-color:rgb(92, 43, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 43, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 43, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 43, 18);  
box-shadow:4px 4px 4px 4px rgb(92, 43, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.8010, -18.1429, 32.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 43, 18) }
```

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

```
.background{ background-color: rgb(92, 43,  
18) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor