

Converting Colors

YUV(82.7170, -34.3705,
10.7722)

Have a look what the booklet for
YUV(82.7170, -34.3705, 10.7722)
contains.

YUV(82.7170, -34.3705, 10.7722)	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(82.7170, -34.3705,
10.7722)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5A0D
RGB	95, 90, 13
RGB Percent	37%, 35%, 5%
CMY	0.6275, 0.6471, 0.9490
CMYK	0.00, 0.05, 0.86, 0.63
HSL	56°, 76%, 21%
HSV	56°, 86%, 37%
XYZ	8.4481, 9.7743, 1.8221
YIQ	82.7170, 27.6970, -22.8870

Conversions

Conversions Part 2

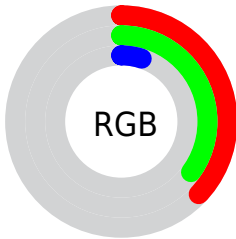
Format	Color
R_{YB}	18, 95, 13
Decimal	6248973
CIE Lab	37.43, -7.18, 40.97
CIE LCh	37, 41.596, 99.940
Yxy	9.7743, 0.4215, 0.4876
Android (android.graphics.Color)	4284439053 (0xFF5F5A0D)
YUV	82.7170, -34.3705, 10.7722
Hunter-Lab	31.2639, -6.4774, 18.4291

Details

The YUV color **82.7170, -34.3705, 10.7722** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **25.2830, 34.3705, -10.7722**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7280, -34.3759, 12.5165**, and **39.8700, -19.6559, 4.4990** is the 20% darker color. If you saturate the color by 10%, you get **80.9900, -38.4491, 12.2868**, and if you desaturate by 10%, it is **84.3300, -30.7287, 9.3576**.

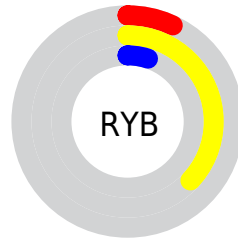
Distribution



Red (37%)

Green (35%)

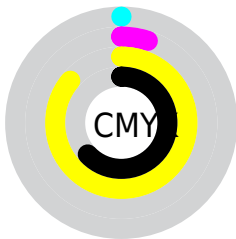
Blue (5%)



Red (7%)

Yellow (37%)

Blue (5%)

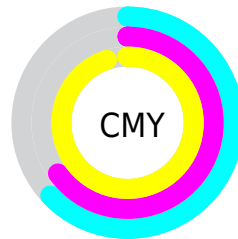


Cyan (0%)

Magenta (5%)

Yellow (86%)

Black (63%)



Cyan (63%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.7170, -34.3705, 10.7722 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 82.7170, -34.3705, 10.7722 by changing the saturation by 10% instead.

82.7170, -34.3705,
10.7722

82.7170, -34.3705,
10.7722

254.6580, -1.3104,
0.2999

60.2590, -29.7077,
8.5429

133.7280,
-34.3759, 12.5165

39.8700, -19.6559,
4.4990

160.2120,
-35.1075, 13.8461

20.6550, -10.1829,
-0.5744

187.2830,
-36.1285, 14.6608

0.0000, 0.0000,
0.0000

215.3540,
-37.1495, 15.4755

241.4460,
-36.7019, 11.8869

248.1600,

-26.2079, 5.9987

■ 251.3520,
-13.9775, 3.1993

■ 82.7170, -34.3705,
10.7722

■ 82.7170, -34.3705,
10.7722

■ 80.9900, -38.4491,
12.2868

■ 84.3300, -30.7287,
9.3576

■ 80.6480, -39.7595,
12.5867

■ 85.4700, -26.3607,
8.3578

■ 87.0830, -22.7189,
6.9432

■ 88.2230, -18.3509,
5.9434

■ 89.9500, -14.2723,
4.4289

■ 90.9760, -10.3412,
3.5290

■ 92.7030, -6.2626,
2.0145

■ 94.3160, -2.6208,
0.5999

■ 95.3420, 1.3104,
-0.2999

Harmonies

Analogous

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



85.2560, -31.6782, 33.9785



82.7170, -34.3705, 10.7722



78.6300, -22.4956, -18.0925

Triad

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



82.7170, -34.3705, 10.7722



75.2810, 26.9765, -66.0214



89.5380, 11.0738, 41.6242

Complementary

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



82.7170, -34.3705, 10.7722



25.2830, 34.3705, -10.7722

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.



90.4940, 24.4065, 11.8448



82.7170, -34.3705, 10.7722



74.7400, 37.5962, -65.5470

Square

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



82.7170, -34.3705, 10.7722



72.3340, 13.1463, -63.4369



80.8730, 36.0516, -36.7226



86.3150, -4.0993, 54.9747

Rectangle

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



82.7170, -34.3705, 10.7722



70.7110, -8.7315, -46.2275



80.8730, 36.0516, -36.7226



90.3350, 15.6108, 33.0322

Sweetspot

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



82.7170, -34.3705, 10.7722



117.2920, -12.9620, 4.1289



38.0880, -9.9034, 49.9118



58.2470, -8.0098, 2.4144



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.



82.7170, -34.3705, 10.7722



103.9830, -51.2636, 15.8009



74.8880, -30.5108, -13.9338



47.5440, -1.7472, 0.3999



95.1230, -46.8956, 14.8011



203.8350, -100.4907, 31.7167

Inverse Universe

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



25.2830, 34.3705, -10.7722



18.0170, 51.2636, -15.8009



33.1120, 30.5108, 13.9338



44.4560, 1.7472, -0.3999



16.8770, 46.8956, -14.8011



36.1650, 100.4907, -31.7167

Previews

White Background



This preview shows how the YUV color 82.7170, -34.3705, 10.7722 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



This preview shows how the YUV color 82.7170, -34.3705, 10.7722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

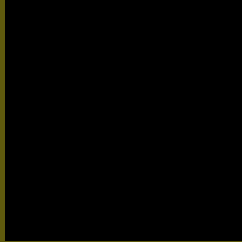
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.7170, -34.3705, 10.7722

Background



This preview shows how black text looks on a background with the YUV color 82.7170, -34.3705, 10.7722.



This preview shows how white text looks on a background with the YUV color 82.7170, -34.3705,

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

82.7170, -34.3705, 10.7722

Protanopia

82.7390, -34.3813, 14.2609

Deuteranopia

84.5490, -32.8087, 23.1975



Tritanopia

89.7670, 0.1149, 9.8513

Trichromacy



Original Color

82.7170, -34.3705, 10.7722

Protanomaly

83.0270, -34.5233, 13.1313

Deuteranomaly

83.7010, -33.3766, 18.6792

Tritanomaly

87.1510, -12.3994, 10.3916

Monochromacy



Original Color

82.7170, -34.3705, 10.7722

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1070, -12.3778, 3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.7170, -34.3705, 10.7722 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(95, 90, 13)` looks like.

```
.text, #text, p{  
    color:rgb(95, 90, 13)  
}
```

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(95, 90, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 90, 13) }
```

Border

The CSS property to change the border of an element to YUV 82.7170, -34.3705, 10.7722 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(95, 90, 13) }
```


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

```
.border{ border-color:rgb(95, 90, 13) }
```

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

Here you see how a box with a 4 pixel rgb(95, 90, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 90, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 90, 13);  
box-shadow:4px 4px 4px 4px rgb(95, 90, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.7170, -34.3705, 10.7722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 90, 13) }
```

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

```
.background{ background-color: rgb(95, 90,  
13) }
```

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