

Converting Colors

YUV(152.8510, -0.9125,
-34.0723)

Have a look what the booklet for
YUV(152.8510, -0.9125, -34.0723)
contains.

YUV(152.8510, -0.9125, -34.0723)	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(152.8510, -0.9125,
-34.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	72AD97
RGB	114, 173, 151
RGB Percent	45%, 68%, 59%
CMY	0.5529, 0.3216, 0.4078
CMYK	0.34, 0.00, 0.13, 0.32
HSL	158°, 26%, 56%
HSV	158°, 34%, 68%
XYZ	27.4689, 35.6989, 34.7210
YIQ	152.8510, -28.1020, -19.3500

Conversions

Conversions Part 2

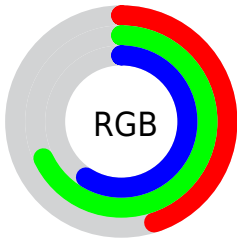
Format	Color
RYB	114, 150, 173
Decimal	7515543
CIELab	66.29, -24.12, 5.24
CIElCh	66, 24.682, 167.744
Yxy	35.6989, 0.2806, 0.3647
Android (android.graphics.Color)	4285705623 (0xFF72AD97)
YUV	152.8510, -0.9125, -34.0723
Hunter-Lab	59.7486, -22.4961, 7.3695

Details

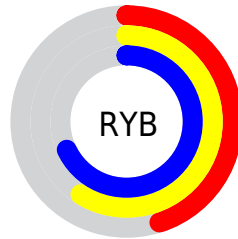
The YUV color **152.8510, -0.9125, -34.0723** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **134.1490, 0.9125, 34.0723**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0250, -1.4913, -35.1019**, and **100.6770, -0.3338, -33.0427** is the 20% darker color. If you saturate the color by 10%, you get **147.0840, -1.0274, -43.9237**, and if you desaturate by 10%, it is **158.6180, -0.7977, -24.2210**.

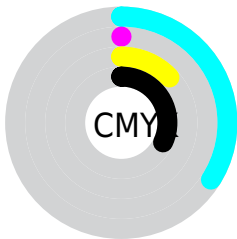
Distribution



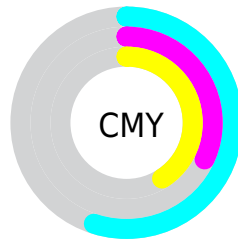
- Red (45%)
- Green (68%)
- Blue (59%)



- Red (45%)
- Yellow (59%)
- Blue (68%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (55%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8510, -0.9125, -34.0723 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 152.8510, -0.9125, -34.0723 by changing the saturation by 10% instead.

■ 152.8510, -0.9125,
-34.0723

■ 152.8510, -0.9125,
-34.0723

255.0000, 0.0000,
0.0000

■ 126.2640, -0.6232,
-33.5575

■ 208.0250, -1.4913,
-35.1019

■ 100.6770, -0.3338,
-33.0427

■ 234.5520, -0.7651,
-34.6871

■ 75.4920, 0.2504,
-33.7575

■ 245.7310, 4.5696,
-19.0581

■ 49.9260, 2.0085,
-37.6461

254.4020, 0.2948,
-1.2296

■ 31.8240, 0.0868,
-27.9096

■ 18.0490, -4.4612,
-15.8290

■ 0.0000, 0.0000,

0.0000

■ 152.8510, -0.9125,
-34.0723

■ 152.8510, -0.9125,
-34.0723

■ 147.0840, -1.0274,
-43.9237

■ 158.6180, -0.7977,
-24.2210

■ 140.9040, -1.4317,
-54.2898

■ 164.7980, -0.3934,
-13.8548

■ 135.1370, -1.5465,
-64.1411

■ 170.5650, -0.2785,
-4.0035

■ 129.2560, -2.0982,
-73.8925

■ 176.4460, 0.2731,
5.7479

■ 123.4890, -2.2131,
-83.7439

■ 182.5120, 0.2406,
16.2140

■ 117.3090, -2.6173,
-94.1100

■ 188.3930, 0.7923,
25.9653

■ 113.8630, -2.8905,
-99.8579

■ 194.1600, 0.9071,
35.8167

■ 200.0410, 1.4588,
45.5680

■ 201.6220, 3.6374,
46.8125

Harmonies

Analogous

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



155.9860, -12.3181, -15.7737



152.8510, -0.9125, -34.0723



150.9770, 11.3503, -47.3378

Triad

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



152.8510, -0.9125, -34.0723



161.9230, 20.2510, -8.7025



162.8550, -16.6905, 33.4532

Complementary

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



152.8510, -0.9125, -34.0723



134.1490, 0.9125, 34.0723

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.



163.6950, -7.2446, 37.1015



152.8510, -0.9125, -34.0723



164.5300, 13.0497, 14.4442

Square

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



152.8510, -0.9125, -34.0723



156.8770, 23.2316, -31.4641



164.9960, 2.9600, 30.6985



161.2250, -21.3099, 21.7277

Rectangle

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



152.8510, -0.9125, -34.0723



150.9860, 17.7549, -48.2227



164.9960, 2.9600, 30.6985



163.2620, -13.9332, 35.7272

Sweetspot

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



152.8510, -0.9125, -34.0723



216.5100, -0.2514, -12.7253



155.5100, -20.4644, -16.2333



107.5430, -0.2677, -7.4922



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



152.8510, -0.9125, -34.0723



192.6160, -1.2897, -53.1602



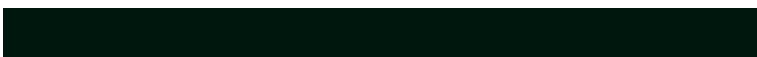
151.2500, 10.7227, -32.6683



83.8530, -0.4205, -5.1331



98.7660, -2.3496, -86.6178



15.0970, -0.5408, -13.2401

Inverse Universe

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



134.1490, 0.9125, 34.0723



163.4980, 1.7265, 53.0603



135.7500, -10.7227, 32.6683



81.0330, -0.0163, 5.2331



51.2340, 2.3496, 86.6178



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 152.8510, -0.9125, -34.0723 looks on a white 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

Black Background



This preview shows how the YUV color 152.8510, -0.9125, -34.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

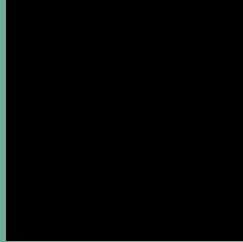
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8510, -0.9125, -34.0723

Background



This preview shows how black text looks on a background with the YUV color 152.8510, -0.9125, -34.0723.



This preview shows how white text looks on a background with the YUV color 152.8510, -0.9125, -34.0723.

-34.0723.

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

152.8510, -0.9125, -34.0723

Protanopia

160.2690, -8.0206, 5.9031

Deuteranopia

161.8770, -3.3904, 14.1399



Tritanopia

156.1300, 12.7539, -30.8090

Trichromacy



Original Color

152.8510, -0.9125, -34.0723

Protanomaly

157.8650, -5.3564, -8.6516

Deuteranomaly

158.9950, -2.4625, -3.5036

Tritanomaly

154.5660, 8.1020, -32.0684

Monochromacy



Original Color

152.8510, -0.9125, -34.0723

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8090, -0.3988, -12.1105

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8510, -0.9125, -34.0723 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(114, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(114, 173, 151)  
}
```

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(114, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 173, 151) }
```

Border

The CSS property to change the border of an element to YUV 152.8510, -0.9125, -34.0723 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(114, 173, 151) }
```


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

```
.border{ border-color:rgb(114, 173, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(114, 173,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 152.8510, -0.9125, -34.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 173, 151) }
```

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

```
.background{ background-color: rgb(114,  
173, 151) }
```

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