

Converting Colors

YUV(103.4150, -6.6136,
-72.2780)

Have a look what the booklet for
YUV(103.4150, -6.6136, -72.2780)
contains.

YUV(103.4150, -6.6136, -72.2780)	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(103.4150, -6.6136,
-72.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	15945A
RGB	21, 148, 90
RGB Percent	8%, 58%, 35%
CMY	0.9176, 0.4196, 0.6471
CMYK	0.86, 0.00, 0.39, 0.42
HSL	153°, 75%, 33%
HSV	153°, 86%, 58%
XYZ	12.7446, 22.0774, 13.2625
YIQ	103.4150, -57.0740, -44.9620

Conversions

Conversions Part 2

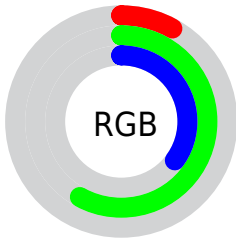
Format	Color
R_{YB}	21, 103, 148
Decimal	1414234
CIE _{Lab}	54.11, -46.28, 21.74
CIE _{LCh}	54, 51.128, 154.840
Yxy	22.0774, 0.2650, 0.4591
Android (android.graphics.Color)	4279604314 (0xFF15945A)
YUV	103.4150, -6.6136, -72.2780
Hunter-Lab	46.9866, -33.8103, 16.1553

Details

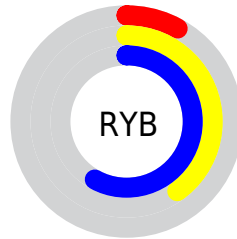
The YUV color **103.4150, -6.6136, -72.2780** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **65.5850, 6.6136, 72.2780**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4440, -10.5719, -62.6564**, and **61.2540, -8.9992, -53.7198** is the 20% darker color. If you saturate the color by 10%, you get **98.1320, -7.4601, -80.7998**, and if you desaturate by 10%, it is **108.6980, -5.7671, -63.7561**.

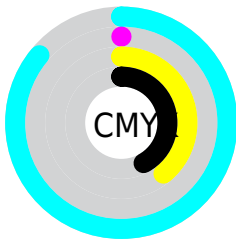
Distribution



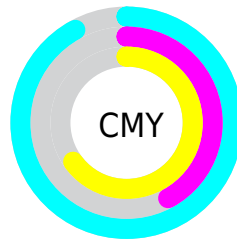
- Red (8%)
- Green (58%)
- Blue (35%)



- Red (8%)
- Yellow (40%)
- Blue (58%)



- Cyan (86%)
- Magenta (0%)
- Yellow (39%)
- Black (42%)



- Cyan (92%)
- Magenta (42%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4150, -6.6136, -72.2780 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 103.4150, -6.6136, -72.2780 by changing the saturation by 10% instead.

■ 103.4150, -6.6136,
-72.2780

■ 103.4150, -6.6136,
-72.2780

255.0000, 0.0000,
0.0000

■ 79.1380, -6.4770,
-69.4040

■ 162.4440,
-10.5719, -62.6564

■ 61.2540, -8.9992,
-53.7198

■ 191.1020,
-11.8823, -62.3565

■ 44.1850, -10.9372,
-38.7502

■ 216.3520,
-11.0195, -59.0677

■ 28.1760, -13.8908,
-24.7104

■ 228.2150, -3.0640,
-44.0386

■ 13.5010, -6.6560,
-11.8404

■ 240.1920, 5.3283,
-29.1094

■ 0.0000, 0.0000,
0.0000

■ 249.6180, 2.6533,

-11.0660

■ 103.4150, -6.6136,
-72.2780

■ 103.4150, -6.6136,
-72.2780

■ 98.1320, -7.4601,
-80.7998

■ 108.6980, -5.7671,
-63.7561

■ 95.9960, -7.8860,
-84.1885

■ 113.9810, -4.9206,
-55.2343

■ 118.8510, -4.3635,
-47.2273

■ 124.1340, -3.5171,
-38.7055

■ 129.4170, -2.6706,
-30.1837

■ 134.7000, -1.8241,
-21.6619

■ 139.8690, -1.4144,
-13.0401

■ 144.8530, -0.4205,
-5.1331

■ 150.1360, 0.4260,
3.3887

Harmonies

Analogous

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



118.5950, -32.8313, -16.3078



103.4150, -6.6136, -72.2780



104.0270, 15.2697, -91.2317

Triad

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



103.4150, -6.6136, -72.2780



115.6770, 49.9522, -61.9837



126.8810, -22.6193, 68.5104

Complementary

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



103.4150, -6.6136, -72.2780



65.5850, 6.6136, 72.2780

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.



128.2830, -2.1115, 70.7888



103.4150, -6.6136, -72.2780



132.6920, 34.1688, 7.2861

Square

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



103.4150, -6.6136, -72.2780



108.3540, 49.6185, -95.0265



132.6020, 17.4512, 49.4610



126.2210, -38.5630, 48.9182

Rectangle

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



103.4150, -6.6136, -72.2780



106.8600, 28.6630, -93.7162



132.6020, 17.4512, 49.4610



127.3250, -15.9362, 71.6290

Sweetspot

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



103.4150, -6.6136, -72.2780



173.8410, -2.3866, -27.9246



113.1900, -45.4497, -29.1076



86.4340, -1.6930, -17.0436



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.4150, -6.6136, -72.2780



123.9730, -9.8467, -108.7243



107.6790, 19.8783, -76.0175



71.5650, -0.2785, -4.0035



89.5560, -7.1761, -78.5406



6.5540, -0.2731, -5.7479

Inverse Universe

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



65.5850, 6.6136, 72.2780



67.0270, 9.8467, 108.7243



61.3210, -19.8783, 76.0175



69.4350, 0.2785, 4.0035



48.4440, 7.1761, 78.5406



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 103.4150, -6.6136, -72.2780 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4150, -6.6136, -72.2780 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 × Fail

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

YUV 103.4150, -6.6136, -72.2780

Background



This preview shows how black text looks on a background with the YUV color 103.4150, -6.6136, -72.2780.



This preview shows how white text looks on a background with the YUV color 103.4150, -6.6136, -72.2780.

-72.2780.

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

103.4150, -6.6136, -72.2780

Protanopia

126.9310, -22.1510, 11.4615

Deuteranopia

128.5930, -16.0683, 20.5279



Tritanopia

116.8390, 17.3344, -53.3558

Trichromacy



Original Color

103.4150, -6.6136, -72.2780



Protanomaly

118.5250, -16.5278, -18.8774



Deuteranomaly

119.2960, -12.4709, -13.4146



Tritanomaly

112.0910, 8.3361, -60.5928

Monochromacy



Original Color

103.4150, -6.6136, -72.2780



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.8520, -2.3920, -26.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4150, -6.6136, -72.2780 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(21, 148, 90)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 90)  
}
```

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(21, 148, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 90) }
```

Border

The CSS property to change the border of an element to YUV 103.4150, -6.6136, -72.2780 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(21, 148, 90) }
```


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

```
.border{ border-color:rgb(21, 148, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 148, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 90);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 103.4150, -6.6136, -72.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 90) }
```

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

```
.background{ background-color: rgb(21, 148,  
90) }
```

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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