

Converting Colors

YUV(103.7040, -8.2351,
-65.5154)

Have a look what the booklet for
YUV(103.7040, -8.2351, -65.5154)
contains.

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Color

**YUV(103.7040, -8.2351,
-65.5154)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9157
RGB	29, 145, 87
RGB Percent	11%, 57%, 34%
CMY	0.8863, 0.4314, 0.6588
CMYK	0.80, 0.00, 0.40, 0.43
HSL	150°, 67%, 34%
HSV	150°, 80%, 57%
XYZ	12.3524, 21.2001, 12.4578
YIQ	103.7040, -50.5180, -42.6300

Conversions

Conversions Part 2

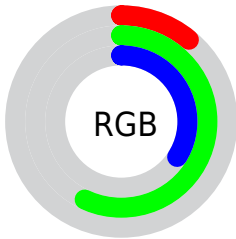
Format	Color
R_{YB}	29, 106, 145
Decimal	1937751
CIE _{Lab}	53.17, -44.87, 22.16
CIE _{LCh}	53, 50.047, 153.717
Yxy	21.2001, 0.2685, 0.4608
Android (android.graphics.Color)	4280127831 (0xFF1D9157)
YUV	103.7040, -8.2351, -65.5154
Hunter-Lab	46.0436, -32.6890, 16.1887

Details

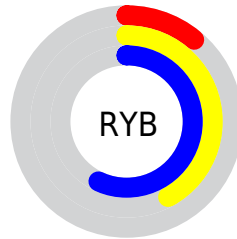
The YUV color **103.7040, -8.2351, -65.5154** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **70.2960, 8.2351, 65.5154**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1240, -11.8931, -58.8677**, and **59.2650, -9.0046, -51.9754** is the 20% darker color. If you saturate the color by 10%, you get **98.4210, -9.0816, -74.0372**, and if you desaturate by 10%, it is **108.9870, -7.3886, -56.9936**.

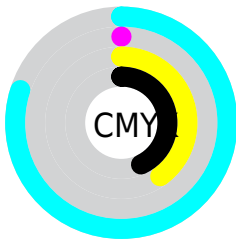
Distribution



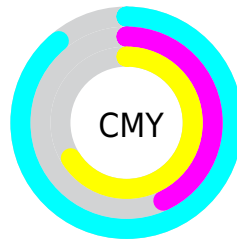
- Red (11%)
- Green (57%)
- Blue (34%)



- Red (11%)
- Yellow (42%)
- Blue (57%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (89%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7040, -8.2351, -65.5154 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 103.7040, -8.2351, -65.5154 by changing the saturation by 10% instead.

■ 103.7040, -8.2351,
-65.5154

■ 103.7040, -8.2351,
-65.5154

■ 255.0000, 0.0000,
0.0000

■ 77.0350, -6.9193,
-67.5597

■ 161.1240,
-11.8931, -58.8677

■ 59.2650, -9.0046,
-51.9754

■ 189.0100,
-12.3299, -58.7678

■ 42.6690, -11.6688,
-37.4207

■ 216.6080,
-12.6247, -57.5382

■ 27.0020, -13.3120,
-23.6808

■ 228.4710, -4.6692,
-42.5091

■ 11.1530, -5.4984,
-9.7812

■ 240.4480, 3.7231,
-27.5799

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 103.7040, -8.2351,
-65.5154

■ 103.7040, -8.2351,
-65.5154

■ 98.4210, -9.0816,
-74.0372

■ 108.9870, -7.3886,
-56.9936

■ 93.4370, -10.0754,
-81.9442

■ 114.0850, -5.9579,
-49.1865

■ 119.3680, -5.1114,
-40.6647

■ 124.3520, -4.1175,
-32.7577

■ 129.6350, -3.2711,
-24.2359

■ 134.7330, -1.8404,
-16.4288

■ 140.0160, -0.9939,
-7.9070

■ 145.0000, 0.0000,
0.0000

■ 150.2830, 0.8465,
8.5218

Harmonies

Analogous

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



116.9050, -32.9842, -13.9487



103.7040, -8.2351, -65.5154



101.8100, 14.3907, -89.2874

Triad

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



103.7040, -8.2351, -65.5154



112.2530, 49.6683, -64.2429



124.9240, -21.1615, 67.5957

Complementary

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



103.7040, -8.2351, -65.5154



70.2960, 8.2351, 65.5154

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.



126.3860, -1.6693, 68.9445



103.7040, -8.2351, -65.5154



129.6810, 34.1743, 5.5418

Square

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



103.7040, -8.2351, -65.5154



106.0230, 48.3027, -92.9822



130.2920, 17.6040, 47.1019



124.4490, -37.6894, 48.7182

Rectangle

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



103.7040, -8.2351, -65.5154



105.1160, 27.0578, -92.1867



130.2920, 17.6040, 47.1019



124.9550, -14.7678, 70.1995

Sweetspot

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



103.7040, -8.2351, -65.5154



172.6240, -3.2656, -25.9802



114.4340, -42.1190, -24.0596



84.4450, -1.6984, -15.2993



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



103.7040, -8.2351, -65.5154



124.5070, -13.0680, -102.1766



110.3160, 17.0992, -71.3141



68.5650, -0.2785, -4.0035



86.9970, -9.3655, -76.2964



5.1520, -0.5679, -4.5183

Inverse Universe

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



70.2960, 8.2351, 65.5154



72.3790, 12.6312, 102.2766



63.6840, -17.0992, 71.3141



66.5490, 0.7153, 3.9035



48.1170, 9.8023, 76.1964



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 103.7040, -8.2351, -65.5154 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 103.7040, -8.2351, -65.5154 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 103.7040, -8.2351, -65.5154 Background



This preview shows how black text looks on a background with the YUV color 103.7040, -8.2351, -65.5154.



This preview shows how white text looks on a background with the YUV color 103.7040, -8.2351,

-65.5154.

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

103.7040, -8.2351, -65.5154

Protanopia

123.9310, -22.1510, 11.4615

Deuteranopia

126.1800, -16.3577, 20.0131



Tritanopia

115.6330, 16.4499, -49.6671

Trichromacy



Original Color

103.7040, -8.2351, -65.5154

Protanomaly

116.7210, -17.1175, -16.4183

Deuteranomaly

118.0790, -13.3499, -11.4703

Tritanomaly

111.4830, 7.1569, -55.6746

Monochromacy



Original Color

103.7040, -8.2351, -65.5154

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0480, -2.9817, -23.7211

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7040, -8.2351, -65.5154 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(29, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(29, 145, 87)  
}
```

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(29, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 145, 87) }
```

Border

The CSS property to change the border of an element to YUV 103.7040, -8.2351, -65.5154 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(29, 145, 87) }
```


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

```
.border{ border-color:rgb(29, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(29, 145,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 103.7040, -8.2351, -65.5154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 145, 87) }
```

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

```
.background{ background-color: rgb(29, 145,  
87) }
```

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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