

Converting Colors

YUV(91.0780, -2.0105, -55.3194)

Have a look what the booklet for
YUV(91.0780, -2.0105, -55.3194)
contains.

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Color

**YUV(91.0780, -2.0105,
-55.3194)**

Conversions

Conversions Part 1

Format	Color
Hex	1C7C57
RGB	28, 124, 87
RGB Percent	11%, 49%, 34%
CMY	0.8902, 0.5137, 0.6588
CMYK	0.77, 0.00, 0.30, 0.51
HSL	157°, 63%, 30%
HSV	157°, 77%, 49%
XYZ	9.4068, 15.3503, 11.4839
YIQ	91.0780, -45.3390, -31.8590

Conversions

Conversions Part 2

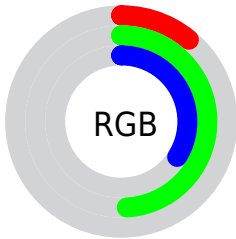
Format	Color
R_{YB}	28, 87, 124
Decimal	1866839
CIE _{Lab}	46.11, -36.44, 12.59
CIE _{LCh}	46, 38.551, 160.935
Yxy	15.3503, 0.2596, 0.4236
Android (android.graphics.Color)	4280056919 (0xFF1C7C57)
YUV	91.0780, -2.0105, -55.3194
Hunter-Lab	39.1795, -25.7069, 10.0471

Details

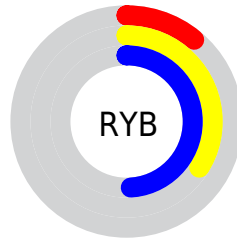
The YUV color **91.0780, -2.0105, -55.3194** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **60.9220, 2.0105, 55.3194**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8290, -4.3527, -50.7160**, and **48.1120, -3.5062, -42.1942** is the 20% darker color. If you saturate the color by 10%, you get **86.9200, -2.4256, -62.1968**, and if you desaturate by 10%, it is **95.2360, -1.5953, -48.4420**.

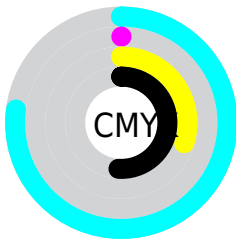
Distribution



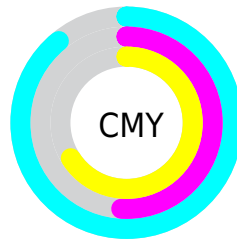
- Red (11%)
- Green (49%)
- Blue (34%)



- Red (11%)
- Yellow (34%)
- Blue (49%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)



- Cyan (89%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.0780, -2.0105, -55.3194 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 91.0780, -2.0105, -55.3194 by changing the saturation by 10% instead.

91.0780, -2.0105,
-55.3194

91.0780, -2.0105,
-55.3194

255.0000, 0.0000,
0.0000

65.4090, -0.6946,
-57.3637

145.8290, -4.3527,
-50.7160

48.1120, -3.5062,
-42.1942

173.6010, -5.2263,
-50.5161

31.7440, -5.2968,
-27.8395

201.7750, -5.8051,
-51.5457

17.6100, -8.6817,
-15.4440

225.6660, -3.7793,
-47.9421

0.0000, 0.0000,
0.0000

237.6430, 4.6130,
-33.0129

247.2260, 3.8326,

-15.9842

■ 91.0780, -2.0105,
-55.3194

■ 91.0780, -2.0105,
-55.3194

■ 86.9200, -2.4256,
-62.1968

■ 95.2360, -1.5953,
-48.4420

■ 82.4630, -2.6933,
-69.6891

■ 99.6930, -1.3276,
-40.9498

■ 81.4520, -2.6878,
-71.4334

■ 103.7370, -1.3493,
-33.9723

■ 108.1940, -1.0816,
-26.4801

■ 112.3520, -0.6665,
-19.6027

■ 116.5100, -0.2514,
-12.7253

■ 120.8530, -0.4205,
-5.1331

■ 125.0110, -0.0054,
1.7444

■ 129.4680, 0.2623,
9.2366

Harmonies

Analogous

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



100.6840, -21.0432, -17.2629



91.0780, -2.0105, -55.3194



87.6420, 15.9525, -76.8620

Triad

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



91.0780, -2.0105, -55.3194



106.1300, 32.9669, -27.3010



108.4440, -19.9389, 48.7226

Complementary

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



91.0780, -2.0105, -55.3194



60.9220, 2.0105, 55.3194

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.



110.2500, -5.5462, 52.4008



91.0780, -2.0105, -55.3194



112.3370, 22.5119, 12.8595

Square

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



91.0780, -2.0105, -55.3194



88.6460, 40.1075, -77.7425



112.0710, 9.3320, 40.2797



107.4130, -29.7836, 32.9638

Rectangle

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



91.0780, -2.0105, -55.3194



89.4490, 25.4146, -78.4468



112.0710, 9.3320, 40.2797



109.0190, -15.2924, 51.7263

Sweetspot

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



91.0780, -2.0105, -55.3194



148.2270, -1.0979, -21.2471



95.7140, -33.3830, -26.0592



74.0970, -0.5408, -13.2401



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



91.0780, -2.0105, -55.3194



109.5380, -3.2232, -86.4178



89.4260, 17.0450, -53.8706



58.9780, 0.0108, -3.4887



82.1530, -2.5404, -72.0482



165.5940, -5.2228, -145.2259

Inverse Universe

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



60.9220, 2.0105, 55.3194



62.4620, 3.2232, 86.4178



62.5740, -17.0450, 53.8706



57.0220, -0.0108, 3.4887



42.8470, 2.5404, 72.0482



86.4060, 5.2228, 145.2259

Previews

White Background



This preview shows how the YUV color 91.0780, -2.0105, -55.3194 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 × Fail

Black Background



This preview shows how the YUV color 91.0780, -2.0105, -55.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

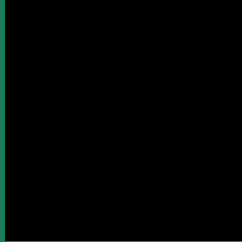
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.0780, -2.0105, -55.3194

Background



This preview shows how black text looks on a background with the YUV color 91.0780, -2.0105, -55.3194.



This preview shows how white text looks on a background with the YUV color 91.0780, -2.0105,

-55.3194.

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

91.0780, -2.0105, -55.3194

Protanopia

107.4990, -13.5570, 8.3324

Deuteranopia

108.7970, -8.7739, 14.2100



Tritanopia

99.0960, 14.2497, -43.9342

Trichromacy



Original Color

91.0780, -2.0105, -55.3194

Protanomaly

101.7950, -9.2659, -14.7292

Deuteranomaly

102.3270, -6.0772, -10.8108

Tritanomaly

96.1680, 8.2982, -48.3823

Monochromacy



Original Color

91.0780, -2.0105, -55.3194

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0530, -0.5191, -20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0780, -2.0105, -55.3194 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(28, 124, 87)` looks like.

```
.text, #text, p{  
    color:rgb(28, 124, 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(28, 124, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 124, 87) }
```

Border

The CSS property to change the border of an element to YUV 91.0780, -2.0105, -55.3194 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(28, 124, 87) }
```


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

```
.border{ border-color:rgb(28, 124, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 124, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 124, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 124, 87);  
box-shadow:4px 4px 4px 4px rgb(28, 124,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 91.0780, -2.0105, -55.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 124, 87) }
```

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

```
.background{ background-color: rgb(28, 124,  
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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