

Converting Colors

YUV(93.3260, -14.9507,
-58.1679)

Have a look what the booklet for
YUV(93.3260, -14.9507, -58.1679)
contains.

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Color

**YUV(93.3260, -14.9507,
-58.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	1B853F
RGB	27, 133, 63
RGB Percent	11%, 52%, 25%
CMY	0.8941, 0.4784, 0.7529
CMYK	0.80, 0.00, 0.53, 0.48
HSL	140°, 66%, 31%
HSV	140°, 80%, 52%
XYZ	9.7367, 17.3670, 7.5416
YIQ	93.3260, -40.7060, -44.2420

Conversions

Conversions Part 2

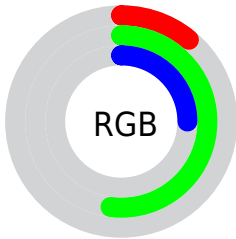
Format	Color
RYB	27, 106, 133
Decimal	1803583
CIELab	48.72, -45.01, 29.45
CIElCh	49, 53.787, 146.803
Yxy	17.3670, 0.2810, 0.5013
Android (android.graphics.Color)	4279993663 (0xFF1B853F)
YUV	93.3260, -14.9507, -58.1679
Hunter-Lab	41.6737, -31.2238, 18.4420

Details

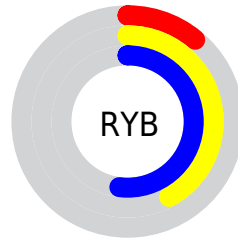
The YUV color **93.3260, -14.9507, -58.1679** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **66.6740, 14.9507, 58.1679**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4470, -18.4614, -52.1350**, and **49.9580, -16.7413, -43.8132** is the 20% darker color. If you saturate the color by 10%, you get **88.4130, -16.9656, -65.2602**, and if you desaturate by 10%, it is **98.2390, -12.9358, -51.0756**.

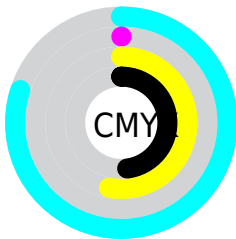
Distribution



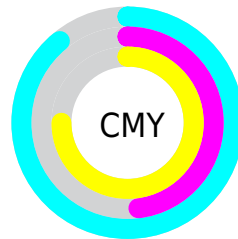
- Red (11%)
- Green (52%)
- Blue (25%)



- Red (11%)
- Yellow (42%)
- Blue (52%)



- Cyan (80%)
- Magenta (0%)
- Yellow (53%)
- Black (48%)



- Cyan (89%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3260, -14.9507, -58.1679 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 93.3260, -14.9507, -58.1679 by changing the saturation by 10% instead.

■ 93.3260, -14.9507,
-58.1679

■ 93.3260, -14.9507,
-58.1679

■ 255.0000, 0.0000,
0.0000

■ 67.3690, -13.4929,
-59.0826

■ 149.4470,
-18.4614, -52.1350

■ 49.9580, -16.7413,
-43.8132

■ 177.2190,
-19.3350, -51.9351

■ 34.0460, -16.7847,
-29.8583

■ 205.6920,
-20.0612, -52.3499

■ 21.7190, -10.7075,
-19.0476

■ 223.8980,
-15.7257, -42.8835

■ 0.0000, 0.0000,
0.0000

■ 235.7610, -7.7702,
-27.8544

■ 247.7380, 0.6222,

-12.9252

■ 93.3260, -14.9507,
-58.1679

■ 93.3260, -14.9507,
-58.1679

■ 88.4130, -16.9656,
-65.2602

■ 98.2390, -12.9358,
-51.0756

■ 83.2010, -18.8331,
-72.9673

■ 103.4510,
-11.0683, -43.3685

■ 108.2500, -9.4902,
-36.1763

■ 113.1630, -7.4754,
-29.0840

■ 118.3750, -5.6079,
-21.3769

■ 123.2880, -3.5930,
-14.2846

■ 128.0870, -2.0149,
-7.0923

■ 133.0000, 0.0000,
0.0000

■ 138.2120, 1.8675,
7.7071

Harmonies

Analogous

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



105.2990, -40.5734, -6.4012



93.3260, -14.9507, -58.1679



92.8450, 7.9644, -81.4251

Triad

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



93.3260, -14.9507, -58.1679



95.7990, 54.8221, -84.0157



111.9940, -17.2520, 73.6733

Complementary

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



93.3260, -14.9507, -58.1679



66.6740, 14.9507, 58.1679

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.



113.7050, 4.5824, 70.4187



93.3260, -14.9507, -58.1679



116.3740, 39.7486, -9.0980

Square

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



93.3260, -14.9507, -58.1679



99.8450, 44.9394, -87.5641



118.4530, 23.4407, 41.6987



112.1340, -36.5481, 56.0105

Rectangle

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



93.3260, -14.9507, -58.1679



96.4930, 21.9420, -84.6244



118.4530, 23.4407, 41.6987



111.9540, -9.8373, 75.4623

Sweetspot

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



93.3260, -14.9507, -58.1679



157.6630, -5.7499, -22.5065



110.4510, -41.1413, -10.9195



77.5870, -3.7404, -13.6698



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



93.3260, -14.9507, -58.1679



110.8260, -23.5782, -91.0554



99.2540, 7.7628, -63.3668



63.7500, -0.8627, -3.2887



81.3260, -18.4017, -71.3229



1.8750, -0.4314, -1.6444

Inverse Universe

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



66.6740, 14.9507, 58.1679



69.1740, 23.5782, 91.0554



60.7460, -7.7628, 63.3668



62.2500, 0.8628, 3.2888



48.6740, 18.4017, 71.3229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 93.3260, -14.9507, -58.1679 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 93.3260, -14.9507, -58.1679 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 93.3260, -14.9507, -58.1679

Background



This preview shows how black text looks on a background with the YUV color 93.3260, -14.9507, -58.1679.



This preview shows how white text looks on a background with the YUV color 93.3260, -14.9507,

-58.1679.

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

93.3260, -14.9507, -58.1679

Protanopia

111.9760, -27.1032, 13.1760

Deuteranopia

114.2960, -22.3309, 22.5424



Tritanopia

105.8080, 14.3917, -42.8046

Trichromacy



Original Color

93.3260, -14.9507, -58.1679

Protanomaly

105.5490, -22.9487, -12.7595

Deuteranomaly

106.5050, -19.4760, -6.5819

Tritanomaly

101.3160, 3.7882, -48.5121

Monochromacy



Original Color

93.3260, -14.9507, -58.1679

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3750, -5.6079, -21.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3260, -14.9507, -58.1679 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(27, 133, 63)` looks like.

```
.text, #text, p{  
    color:rgb(27, 133, 63)  
}
```

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(27, 133, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 133, 63) }
```

Border

The CSS property to change the border of an element to YUV 93.3260, -14.9507, -58.1679 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(27, 133, 63) }
```


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

```
.border{ border-color:rgb(27, 133, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 133, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 133, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 133, 63);  
box-shadow:4px 4px 4px 4px rgb(27, 133,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 93.3260, -14.9507, -58.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 133, 63) }
```

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

```
.background{ background-color: rgb(27, 133,  
63) }
```

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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