

Converting Colors

YUV(114.2810, -9.9985,
-59.8824)

Have a look what the booklet for
YUV(114.2810, -9.9985, -59.8824)
contains.

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Color

**YUV(114.2810, -9.9985,
-59.8824)**

Conversions

Conversions Part 1

Format	Color
Hex	2E995E
RGB	46, 153, 94
RGB Percent	18%, 60%, 37%
CMY	0.8196, 0.4000, 0.6314
CMYK	0.70, 0.00, 0.39, 0.40
HSL	147°, 54%, 39%
HSV	147°, 70%, 60%
XYZ	14.5383, 24.1715, 14.4890
YIQ	114.2810, -44.8330, -41.0330

Conversions

Conversions Part 2

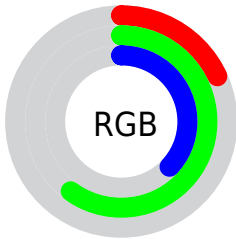
Format	Color
RYB	46, 120, 153
Decimal	3053918
CIELab	56.26, -44.06, 22.48
CIElCh	56, 49.463, 152.972
Yxy	24.1715, 0.2733, 0.4544
Android (android.graphics.Color)	4281243998 (0xFF2E995E)
YUV	114.2810, -9.9985, -59.8824
Hunter-Lab	49.1645, -33.2540, 16.9421

Details

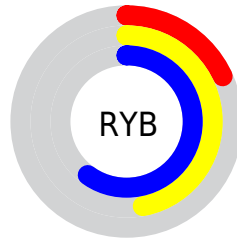
The YUV color **114.2810, -9.9985, -59.8824** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **84.7190, 9.9985, 59.8824**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3200, -12.4828, -56.4086**, and **64.6450, -8.6990, -56.6937** is the 20% darker color. If you saturate the color by 10%, you get **108.8840, -11.2818, -68.3043**, and if you desaturate by 10%, it is **119.6780, -8.7153, -51.4606**.

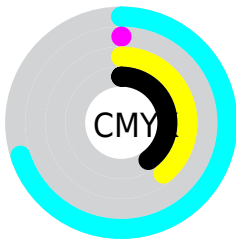
Distribution



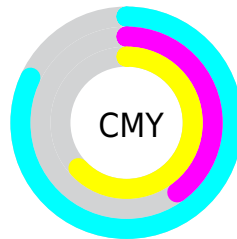
- Red (18%)
- Green (60%)
- Blue (37%)



- Red (18%)
- Yellow (47%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2810, -9.9985, -59.8824 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 114.2810, -9.9985, -59.8824 by changing the saturation by 10% instead.

■ 114.2810, -9.9985,
-59.8824

■ 114.2810, -9.9985,
-59.8824

■ 255.0000, 0.0000,
0.0000

■ 81.9420, -5.8874,
-71.8631

■ 170.3200,
-12.4828, -56.4086

■ 64.6450, -8.6990,
-56.6937

■ 198.7930,
-13.2089, -56.8235

■ 47.4620, -11.0738,
-41.6242

■ 220.8090,
-10.7518, -51.5755

■ 30.5240, -15.0483,
-26.7695

■ 232.6720, -2.7963,
-36.5463

■ 17.6100, -8.6817,
-15.4440

■ 244.5350, 5.1592,
-21.5172

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 114.2810, -9.9985,
-59.8824

■ 114.2810, -9.9985,
-59.8824

■ 108.8840,
-11.2818, -68.3043

■ 119.6780, -8.7153,
-51.4606

■ 103.0740,
-12.8545, -77.2409

■ 125.4880, -7.1426,
-42.5240

■ 97.6770, -14.1378,
-85.6627

■ 130.8850, -5.8593,
-34.1021

■ 136.3960, -4.1392,
-25.7803

■ 142.0920, -3.0034,
-16.7437

■ 147.6030, -1.2833,
-8.4218

■ 153.0000, 0.0000,
0.0000

■ 158.3970, 1.2833,
8.4218

■ 164.2070, 2.8559,
17.3585

Harmonies

Analogous

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



125.2040, -33.1316, -13.3339



114.2810, -9.9985, -59.8824



107.3040, 15.1331, -94.1056

Triad

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



114.2810, -9.9985, -59.8824



121.7480, 48.9312, -61.1690



133.8100, -21.5983, 67.6956

Complementary

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



114.2810, -9.9985, -59.8824



84.7190, 9.9985, 59.8824

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.



135.0870, -1.5219, 68.3297



114.2810, -9.9985, -59.8824



137.6700, 34.1797, 3.7974

Square

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



114.2810, -9.9985, -59.8824



111.5170, 49.0451, -97.8004



138.6940, 17.8989, 45.8724



132.2750, -37.1106, 49.7478

Rectangle

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



114.2810, -9.9985, -59.8824



110.6100, 27.8003, -97.0050



138.6940, 17.8989, 45.8724



133.9550, -14.7678, 70.1995

Sweetspot

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



114.2810, -9.9985, -59.8824



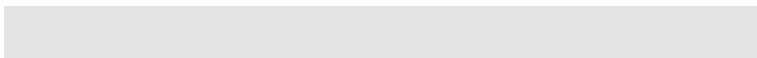
183.8200, -3.8553, -23.5211



127.0480, -39.9567, -17.5821



90.3420, -2.1406, -13.4549



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



114.2810, -9.9985, -59.8824



138.5790, -15.5684, -93.4698



120.2090, 12.7150, -65.0813



74.0380, -1.0047, -4.4183



89.3620, -12.9965, -78.3705



8.3150, -1.1413, -7.2923

Inverse Universe

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



84.7190, 9.9985, 59.8824



92.4210, 15.5684, 93.4698



78.7910, -12.7150, 65.0813



71.8480, 0.5679, 4.5183



50.6380, 12.9965, 78.3705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 114.2810, -9.9985, -59.8824 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 114.2810, -9.9985, -59.8824 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 114.2810, -9.9985, -59.8824 Background



This preview shows how black text looks on a background with the YUV color 114.2810, -9.9985, -59.8824.



This preview shows how white text looks on a background with the YUV color 114.2810, -9.9985,

-59.8824.

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

114.2810, -9.9985, -59.8824

Protanopia

132.1160, -22.7352, 12.1763

Deuteranopia

133.7780, -16.6526, 21.2427



Tritanopia

123.9430, 16.2971, -47.3080

Trichromacy



Original Color

114.2810, -9.9985, -59.8824

Protanomaly

125.8030, -18.1439, -13.8592

Deuteranomaly

126.5740, -14.0870, -8.3964

Tritanomaly

120.3910, 6.7092, -52.0859

Monochromacy



Original Color

114.2810, -9.9985, -59.8824

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9450, -3.4239, -21.8768

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2810, -9.9985, -59.8824 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(46, 153, 94)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 94)  
}
```

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(46, 153, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 94) }
```

Border

The CSS property to change the border of an element to YUV 114.2810, -9.9985, -59.8824 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(46, 153, 94) }
```


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

```
.border{ border-color:rgb(46, 153, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 94);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 114.2810, -9.9985, -59.8824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 94) }
```

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

```
.background{ background-color: rgb(46, 153,  
94) }
```

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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