

Converting Colors

YUV(63.9320, 2.9915, -26.2504)

Have a look what the booklet for
YUV(63.9320, 2.9915, -26.2504)
contains.

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Color

**YUV(63.9320, 2.9915,
-26.2504)**

Conversions

Conversions Part 1

Format	Color
Hex	224E46
RGB	34, 78, 70
RGB Percent	13%, 31%, 27%
CMY	0.8667, 0.6941, 0.7255
CMYK	0.56, 0.00, 0.10, 0.69
HSL	169°, 39%, 22%
HSV	169°, 56%, 31%
XYZ	4.4896, 6.2311, 6.7604
YIQ	63.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

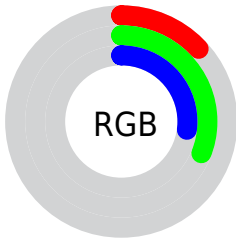
Format	Color
RYB	34, 58, 78
Decimal	2248262
CIELab	29.99, -17.48, 0.09
CIELCh	30, 17.483, 179.692
Yxy	6.2311, 0.2568, 0.3564
Android (android.graphics.Color)	4280438342 (0xFF224E46)
YUV	63.9320, 2.9915, -26.2504
Hunter-Lab	24.9621, -11.5794, 1.4160




Details

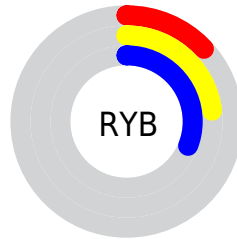
The YUV color **63.9320, 2.9915, -26.2504** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **48.0680, -2.9915, 26.2504**, and the grayscale version is **64.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **112.8180, 2.5547, -26.1504**, and **22.4490, 2.2436, -19.6878** is the 20% darker color. If you saturate the color by 10%, you get **61.4260, 3.7340, -31.0686**, and if you desaturate by 10%, it is **66.4380, 2.2491, -21.4321**.

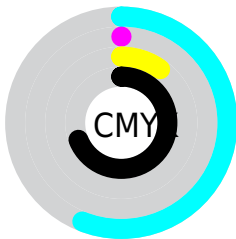
Distribution







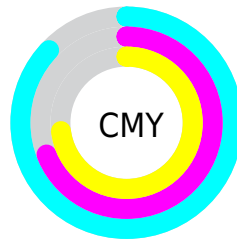
-  Red (13%)
-  Green (31%)
-  Blue (27%)






-  Red (13%)
-  Yellow (23%)
-  Blue (31%)



-  Cyan (56%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (69%)



-  Cyan (87%)
-  Magenta (69%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.9320, 2.9915, -26.2504 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 63.9320, 2.9915, -26.2504 by changing the saturation by 10% instead.

■ 63.9320, 2.9915,
-26.2504

■ 63.9320, 2.9915,
-26.2504

■ 255.0000, 0.0000,
0.0000

■ 39.8500, 4.0179,
-28.8095

■ 112.8180, 2.5547,
-26.1504

■ 22.4490, 2.2436,
-19.6878

■ 138.5190, 2.7021,
-26.7652

■ 0.0000, 0.0000,
0.0000

■ 165.1060, 2.4127,
-27.2800

■ 192.8070, 2.5601,
-27.8947

■ 220.5080, 2.7076,
-28.5095

■ 243.2250, 5.3121,

-23.8763

252.0100, 1.4741,
-6.1478

63.9320, 2.9915,
-26.2504

63.9320, 2.9915,
-26.2504

61.4260, 3.7340,
-31.0686

66.4380, 2.2491,
-21.4321

58.8060, 4.0396,
-35.7869

69.0580, 1.9434,
-16.7139

56.5990, 4.6347,
-39.9903

71.2650, 1.3484,
-12.5104

53.9790, 4.9404,
-44.7086

73.8850, 1.0427,
-7.7921

53.0820, 5.3826,
-46.5529

76.3910, 0.3002,
-2.9739

■ 79.0110, -0.0054,
1.7444

■ 81.5170, -0.7479,
6.5626

■ 83.7240, -1.3429,
10.7661

■ 86.3440, -1.6486,
15.4843

Harmonies

Analogous

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



66.6470, -4.7560, -14.5994



63.9320, 2.9915, -26.2504



62.5380, 10.5808, -33.7978

Triad

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



63.9320, 2.9915, -26.2504



71.5730, 11.0565, 0.3745



70.8360, -11.2581, 17.6838

Complementary

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



63.9320, 2.9915, -26.2504



48.0680, -2.9915, 26.2504

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.



71.4220, -6.6170, 22.4319



63.9320, 2.9915, -26.2504



72.9830, 5.9244, 13.1699

Square

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



63.9320, 2.9915, -26.2504



68.9840, 14.3049, -14.8950



72.0180, -0.5019, 21.0322



69.9120, -13.2676, 8.8472

Rectangle

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



63.9320, 2.9915, -26.2504



63.6460, 13.4855, -32.1385



72.0180, -0.5019, 21.0322



71.3740, -10.5374, 19.8430

Sweetspot

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



63.9320, 2.9915, -26.2504



96.5750, 1.1955, -10.1513



62.2200, -13.9125, -17.7329



47.7820, 0.6005, -5.9478



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.9320, 2.9915, -26.2504



79.8870, 4.4927, -41.1199



56.6260, 10.5374, -19.8430



36.8040, 0.5896, -2.4591



69.3360, 6.7364, -60.8077



156.4420, 15.5581, -137.1996

Inverse Universe

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



48.0680, -2.9915, 26.2504



54.9990, -4.9295, 41.2199



55.3740, -10.5374, 19.8430



35.3100, -0.1528, 2.3591



32.6640, -6.7364, 60.8077



73.5580, -15.5581, 137.1996

Previews

White Background



This preview shows how the YUV color 63.9320, 2.9915, -26.2504 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 ✓ Pass

Black Background



This preview shows how the YUV color 63.9320, 2.9915, -26.2504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

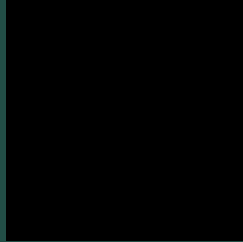
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.9320, 2.9915, -26.2504

Background



This preview shows how black text looks on a background with the YUV color 63.9320, 2.9915, -26.2504.



This preview shows how white text looks on a background with the YUV color 63.9320, 2.9915, -26.2504.

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

63.9320, 2.9915, -26.2504

Protanopia

70.4410, -2.1894, 2.2442

Deuteranopia

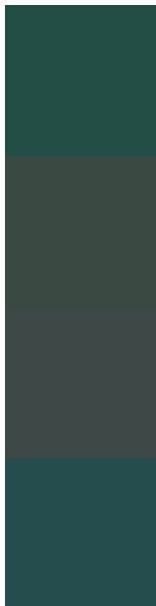
70.8480, 0.5679, 4.5183



Tritanopia

65.3220, 8.2223, -23.9614

Trichromacy



Original Color

63.9320, 2.9915, -26.2504

Protanomaly

68.1300, -0.5571, -8.0070

Deuteranomaly

68.5970, 1.1847, -6.6626

Tritanomaly

65.1540, 6.3331, -24.6911

Monochromacy



Original Color

63.9320, 2.9915, -26.2504

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8740, 1.0481, -9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.9320, 2.9915, -26.2504 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(34, 78, 70)` looks like.

```
.text, #text, p{  
    color:rgb(34, 78, 70)  
}
```

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(34, 78, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 78, 70) }
```

Border

The CSS property to change the border of an element to YUV 63.9320, 2.9915, -26.2504 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(34, 78, 70) }
```


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

```
.border{ border-color:rgb(34, 78, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 78, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 78, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 78, 70);  
box-shadow:4px 4px 4px 4px rgb(34, 78, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.9320, 2.9915, -26.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 78, 70) }
```

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

```
.background{ background-color: rgb(34, 78,  
70) }
```

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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