

Converting Colors

YUV(96.2620, -1.1152, -62.4968)

Have a look what the booklet for
YUV(96.2620, -1.1152, -62.4968)
contains.

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Color

**YUV(96.2620, -1.1152,
-62.4968)**

Conversions

Conversions Part 1

Format	Color
Hex	19855E
RGB	25, 133, 94
RGB Percent	10%, 52%, 37%
CMY	0.9020, 0.4784, 0.6314
CMYK	0.81, 0.00, 0.29, 0.48
HSL	158°, 68%, 31%
HSV	158°, 81%, 52%
XYZ	10.8088, 17.7899, 13.4538
YIQ	96.2620, -51.8490, -35.0250

Conversions

Conversions Part 2

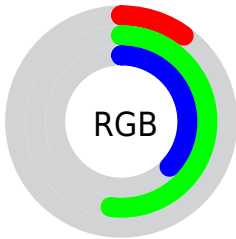
Format	Color
RYB	25, 91, 133
Decimal	1672542
CIELab	49.24, -38.97, 12.87
CIELCh	49, 41.036, 161.725
Yxy	17.7899, 0.2570, 0.4230
Android (android.graphics.Color)	4279862622 (0xFF19855E)
YUV	96.2620, -1.1152, -62.4968
Hunter-Lab	42.1781, -28.0681, 10.6126

Details

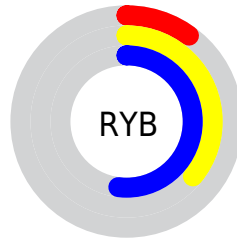
The YUV color **96.2620, -1.1152, -62.4968** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **61.7380, 1.1152, 62.4968**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7960, -4.3364, -55.9491**, and **53.6060, -2.7638, -47.0125** is the 20% darker color. If you saturate the color by 10%, you get **91.8050, -1.3829, -69.9890**, and if you desaturate by 10%, it is **100.7190, -0.8475, -55.0046**.

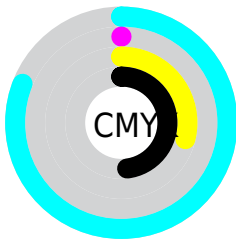
Distribution



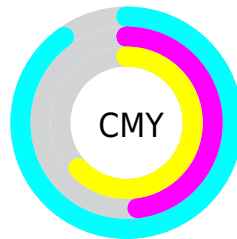
- Red (10%)
- Green (52%)
- Blue (37%)



- Red (10%)
- Yellow (36%)
- Blue (52%)



- Cyan (81%)
- Magenta (0%)
- Yellow (29%)
- Black (48%)



- Cyan (90%)
- Magenta (48%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2620, -1.1152, -62.4968 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 96.2620, -1.1152, -62.4968 by changing the saturation by 10% instead.

■ 96.2620, -1.1152,
-62.4968

■ 96.2620, -1.1152,
-62.4968

255.0000, 0.0000,
0.0000

■ 70.7890, -0.3890,
-62.0820

■ 152.7960, -4.3364,
-55.9491

■ 53.6060, -2.7638,
-47.0125

■ 180.6820, -4.7732,
-55.8491

■ 37.1240, -4.9911,
-32.5577

■ 209.1550, -5.4994,
-56.2639

■ 22.4200, -10.5601,
-19.6623

■ 227.4750, -0.7272,
-46.8976

■ 0.0000, 0.0000,
0.0000

■ 239.1530, 7.8126,
-32.5832

■ 248.1230, 3.3904,

-14.1399

■ 96.2620, -1.1152,
-62.4968

■ 96.2620, -1.1152,
-62.4968

■ 91.8050, -1.3829,
-69.9890

■ 100.7190, -0.8475,
-55.0046

■ 87.7610, -1.3612,
-76.9664

■ 105.4750, -0.7272,
-46.8976

■ 109.8180, -0.8963,
-39.3054

■ 114.2750, -0.6286,
-31.8132

■ 119.0310, -0.5083,
-23.7062

■ 123.4880, -0.2406,
-16.2140

■ 127.9450, 0.0271,
-8.7218

■ 132.2880, -0.1420,
-1.1296

■ 137.0440, -0.0217,
6.9774

Harmonies

Analogous

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



108.0320, -22.2008, -19.3221



96.2620, -1.1152, -62.4968



94.0650, 17.7160, -82.4950

Triad

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



96.2620, -1.1152, -62.4968



113.4010, 35.2983, -28.4157



116.5970, -21.9863, 52.0964

Complementary

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



96.2620, -1.1152, -62.4968



61.7380, 1.1152, 62.4968

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.



117.4570, -6.1413, 56.6042



96.2620, -1.1152, -62.4968



120.1030, 24.1062, 14.8187

Square

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



96.2620, -1.1152, -62.4968



95.4110, 43.1814, -83.6754



119.6200, 10.0473, 44.1833



115.4410, -32.2624, 34.6932

Rectangle

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



96.2620, -1.1152, -62.4968



96.1000, 28.0517, -84.2797



119.6200, 10.0473, 44.1833



116.5850, -17.0504, 55.6150

Sweetspot

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



96.2620, -1.1152, -62.4968



159.0310, -0.5083, -23.7062



100.3560, -37.1505, -31.0072



78.4990, -0.2460, -14.4696



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.



96.2620, -1.1152, -62.4968



115.9280, -1.4435, -97.2839



92.4900, 19.9714, -59.1887



63.9780, 0.0108, -3.4887



85.7720, -1.3666, -75.2220



1.9890, 0.0054, -1.7444

Inverse Universe

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



61.7380, 1.1152, 62.4968



62.1860, 1.8803, 97.1839



65.5100, -19.9714, 59.1887



62.0220, -0.0108, 3.4887



44.2280, 1.3666, 75.2220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 96.2620, -1.1152, -62.4968 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 96.2620, -1.1152, -62.4968 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 96.2620, -1.1152, -62.4968

Background



This preview shows how black text looks on a background with the YUV color 96.2620, -1.1152, -62.4968.



This preview shows how white text looks on a background with the YUV color 96.2620, -1.1152,

-62.4968.

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

96.2620, -1.1152, -62.4968

Protanopia

115.2710, -14.4306, 8.5323

Deuteranopia

117.0960, -8.9213, 14.8248



Tritanopia

105.2310, 16.1551, -48.4376

Trichromacy



Original Color

96.2620, -1.1152, -62.4968

Protanomaly

108.3710, -9.5499, -16.9884

Deuteranomaly

109.6040, -6.2138, -13.6847

Tritanomaly

101.8900, 9.9142, -53.4005

Monochromacy



Original Color

96.2620, -1.1152, -62.4968

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7430, -0.3663, -22.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2620, -1.1152, -62.4968 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(25, 133, 94)` looks like.

```
.text, #text, p{  
    color:rgb(25, 133, 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(25, 133, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 133, 94) }
```

Border

The CSS property to change the border of an element to YUV 96.2620, -1.1152, -62.4968 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(25, 133, 94) }
```


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

```
.border{ border-color:rgb(25, 133, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 133, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 133, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 133, 94);  
box-shadow:4px 4px 4px 4px rgb(25, 133,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 96.2620, -1.1152, -62.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 133, 94) }
```

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

```
.background{ background-color: rgb(25, 133,  
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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