

Converting Colors

YUV(103.9320, -20.6725,
-42.9134)

Have a look what the booklet for
YUV(103.9320, -20.6725, -42.9134)
contains.

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Color

**YUV(103.9320, -20.6725,
-42.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	37893E
RGB	55, 137, 62
RGB Percent	22%, 54%, 24%
CMY	0.7843, 0.4627, 0.7569
CMYK	0.60, 0.00, 0.55, 0.46
HSL	125°, 43%, 38%
HSV	125°, 60%, 54%
XYZ	11.3907, 19.0513, 7.6344
YIQ	103.9320, -24.7970, -40.7090

Conversions

Conversions Part 2

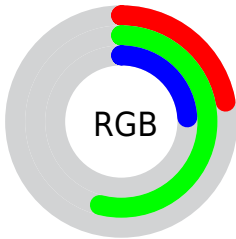
Format	Color
RYB	55, 131, 137
Decimal	3639614
CIELab	50.75, -41.19, 32.61
CIElCh	51, 52.536, 141.631
Yxy	19.0513, 0.2992, 0.5003
Android (android.graphics.Color)	4281829694 (0xFF37893E)
YUV	103.9320, -20.6725, -42.9134
Hunter-Lab	43.6478, -29.8009, 20.1832

Details

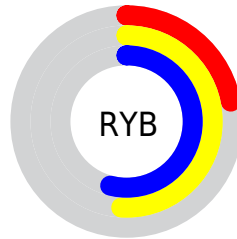
The YUV color **103.9320, -20.6725, -42.9134** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **88.0680, 20.6725, 42.9134**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.6610, -23.0039, -41.7987**, and **52.0780, -18.7725, -45.6724** is the 20% darker color. If you saturate the color by 10%, you get **98.2640, -24.2872, -50.2205**, and if you desaturate by 10%, it is **109.6000, -17.0578, -35.6062**.

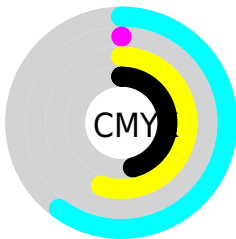
Distribution



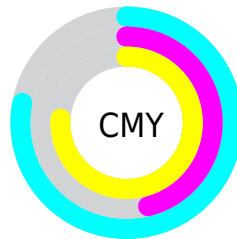
- Red (22%)
- Green (54%)
- Blue (24%)



- Red (22%)
- Yellow (51%)
- Blue (54%)



- Cyan (60%)
- Magenta (0%)
- Yellow (55%)
- Black (46%)



- Cyan (78%)
- Magenta (46%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.9320, -20.6725, -42.9134 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 103.9320, -20.6725, -42.9134 by changing the saturation by 10% instead.

■ 103.9320,
-20.6725, -42.9134

■ 103.9320,
-20.6725, -42.9134

■ 255.0000, 0.0000,
0.0000

■ 76.3660, -18.9144,
-46.8020

■ 157.6610,
-23.0039, -41.7987

■ 52.0780, -18.7725,
-45.6724

■ 185.4330,
-23.8775, -41.5987

■ 36.3940, -17.9422,
-31.9175

■ 213.6070,
-24.4563, -42.6283

■ 24.0670, -11.8650,
-21.1068

■ 229.5790,
-18.5264, -31.2028

■ 2.9350, -1.4470,
-2.5740

■ 241.4420,
-10.5709, -16.1736

■ 0.0000, 0.0000,
0.0000

■ 253.3050, -2.6154,

-1.1445

■ 103.9320,
-20.6725, -42.9134

■ 103.9320,
-20.6725, -42.9134

■ 98.2640, -24.2872,
-50.2205

■ 109.6000,
-17.0578, -35.6062

■ 93.0090, -27.6124,
-57.0129

■ 114.8550,
-13.7325, -28.8138

■ 87.3410, -31.2271,
-64.3201

■ 120.5230,
-10.1178, -21.5067

■ 81.7870, -34.4050,
-71.7272

■ 126.0770, -6.9400,
-14.0995

■ 131.7450, -3.3253,
-6.7924

■ 137.0000, 0.0000,
0.0000

■ 142.6680, 3.6147,
7.3072

■ 148.2220, 6.7926,
14.7143

■ 153.5910, 10.5546,
21.4067

Harmonies

Analogous

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



111.7020, -41.7581, 0.2613



103.9320, -20.6725, -42.9134



94.8510, 5.4965, -83.1843

Triad

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



103.9320, -20.6725, -42.9134



100.2500, 54.1067, -87.9193



118.0200, -13.3209, 72.7735

Complementary

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



103.9320, -20.6725, -42.9134



88.0680, 20.6725, 42.9134

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.



120.0680, 7.3615, 65.7154



103.9320, -20.6725, -42.9134



119.4760, 41.6703, -18.8345

Square

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



103.9320, -20.6725, -42.9134



103.2530, 42.7663, -90.5529



124.6800, 25.7938, 33.6066



117.7800, -32.9225, 59.8289

Rectangle

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



103.9320, -20.6725, -42.9134



99.0860, 19.1846, -86.8984



124.6800, 25.7938, 33.6066



118.1540, -6.4849, 73.5329

Sweetspot

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



103.9320, -20.6725, -42.9134



165.7130, -8.2395, -17.2883



125.5590, -34.7856, 3.8948



81.2670, -5.0616, -9.8812



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



103.9320, -20.6725, -42.9134



126.9770, -32.5267, -67.5088



108.6060, -2.7638, -47.0125



66.2230, -1.5889, -3.7036



79.3250, -33.6842, -69.5680



2.9350, -1.4470, -2.5740

Inverse Universe

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



88.0680, 20.6725, 42.9134



102.0230, 32.5267, 67.5088



83.3940, 2.7638, 47.0125



64.7770, 1.5889, 3.7036



53.5610, 33.2474, 69.6680



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 103.9320, -20.6725, -42.9134 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 103.9320, -20.6725, -42.9134 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 103.9320, -20.6725, -42.9134 Background



This preview shows how black text looks on a background with the YUV color 103.9320, -20.6725, -42.9134.



This preview shows how white text looks on a background with the YUV color 103.9320, -20.6725, -42.9134.

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

103.9320, -20.6725, -42.9134

Protanopia

116.7050, -29.4346, 14.2907

Deuteranopia

118.9110, -25.0991, 23.7571



Tritanopia

113.6950, 12.4754, -34.8125

Trichromacy



Original Color

103.9320, -20.6725, -42.9134

Protanomaly

112.0830, -26.1699, -6.2118

Deuteranomaly

113.5120, -23.4234, -0.4490

Tritanomaly

110.1710, 0.4087, -37.8610

Monochromacy



Original Color

103.9320, -20.6725, -42.9134

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9520, -7.3713, -15.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.9320, -20.6725, -42.9134 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(55, 137, 62)` looks like.

```
.text, #text, p{  
    color:rgb(55, 137, 62)  
}
```

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(55, 137, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 137, 62) }
```

Border

The CSS property to change the border of an element to YUV 103.9320, -20.6725, -42.9134 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(55, 137, 62) }
```


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

```
.border{ border-color:rgb(55, 137, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 137, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 137, 62); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 137, 62); box-shadow:4px 4px 4px 4px rgb(55, 137, 62) }
```

Background

The CSS property to change the background color of an element to YUV 103.9320, -20.6725, -42.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 137, 62) }
```

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

```
.background{ background-color: rgb(55, 137,  
62) }
```

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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