

Converting Colors

YUV(144.2020, -16.8616,
-51.9202)

Have a look what the booklet for
YUV(144.2020, -16.8616, -51.9202)
contains.

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Color

**YUV(144.2020, -16.8616,
-51.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	55B56E
RGB	85, 181, 110
RGB Percent	33%, 71%, 43%
CMY	0.6667, 0.2902, 0.5686
CMYK	0.53, 0.00, 0.39, 0.29
HSL	136°, 39%, 52%
HSV	136°, 53%, 71%
XYZ	23.0847, 36.1048, 20.5041
YIQ	144.2020, -34.4250, -42.4330

Conversions

Conversions Part 2

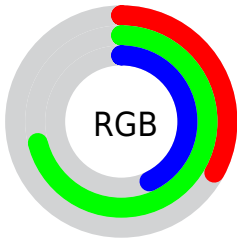
Format	Color
RYB	85, 161, 181
Decimal	5617006
CIELab	66.60, -44.07, 27.78
CIElCh	67, 52.097, 147.780
Yxy	36.1048, 0.2897, 0.4530
Android (android.graphics.Color)	4283807086 (0xFF55B56E)
YUV	144.2020, -16.8616, -51.9202
Hunter-Lab	60.0873, -36.5757, 21.8291

Details

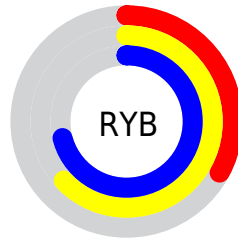
The YUV color **144.2020, -16.8616, -51.9202** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **121.7980, 16.8616, 51.9202**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3330, -18.8982, -52.0350**, and **87.4830, -13.0561, -59.1826** is the 20% darker color. If you saturate the color by 10%, you get **137.3380, -19.8866, -61.6864**, and if you desaturate by 10%, it is **151.0660, -13.8365, -42.1539**.

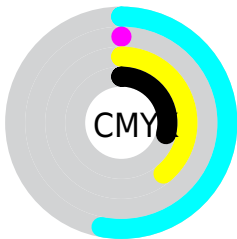
Distribution



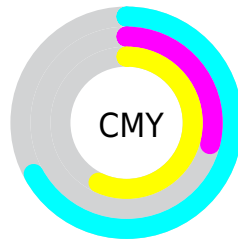
- Red (33%)
- Green (71%)
- Blue (43%)



- Red (33%)
- Yellow (63%)
- Blue (71%)



- Cyan (53%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)



- Cyan (67%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2020, -16.8616, -51.9202 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 144.2020, -16.8616, -51.9202 by changing the saturation by 10% instead.

■ 144.2020,
-16.8616, -51.9202

■ 144.2020,
-16.8616, -51.9202

■ 255.0000, 0.0000,
0.0000

■ 116.8320,
-15.6932, -53.3497

■ 200.3330,
-18.8982, -52.0350

■ 87.4830, -13.0561,
-59.1826

■ 221.8760,
-15.7149, -46.3723

■ 63.6190, -12.6302,
-55.7939

■ 233.7390, -7.7593,
-31.3431

■ 46.9090, -15.7311,
-41.1392

■ 245.6020, 0.1962,
-16.3140

■ 31.1110, -15.3377,
-27.2843

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 144.2020,
-16.8616, -51.9202

■ 144.2020,
-16.8616, -51.9202

■ 137.3380,
-19.8866, -61.6864

■ 151.0660,
-13.8365, -42.1539

■ 130.3600,
-23.3485, -71.3527

■ 158.0440,
-10.3747, -32.4876

■ 123.4960,
-26.3735, -81.1190

■ 164.9080, -7.3496,
-22.7213

■ 116.5180,
-29.8354, -90.7853

■ 171.8860, -3.8878,
-13.0550

■ 111.6050,
-31.8503, -97.8776

■ 179.0490, -1.0102,
-2.6740

■ 185.9130, 2.0149,
7.0923

■ 192.8910, 5.4767,
16.7586

■ 199.7550, 8.5018,
26.5249

■ 206.6190, 11.5268,
36.2911

Harmonies

Analogous

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



152.8690, -38.3894, -6.9011



144.2020, -16.8616, -51.9202



126.4930, 15.0400, -110.9344

Triad

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



144.2020, -16.8616, -51.9202



144.4300, 54.5110, -77.5531



161.9080, -20.1676, 75.5027

Complementary

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



144.2020, -16.8616, -51.9202



121.7980, 16.8616, 51.9202

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.



163.9070, 1.5248, 71.1186



144.2020, -16.8616, -51.9202



164.1080, 39.8798, -4.4797

Square

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



144.2020, -16.8616, -51.9202



132.4330, 53.0305, -116.1437



166.9370, 22.7091, 43.0283



160.4010, -38.1587, 59.2843

Rectangle

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



144.2020, -16.8616, -51.9202



130.1410, 29.0175, -114.1337



166.9370, 22.7091, 43.0283



162.4550, -13.0423, 76.7770

Sweetspot

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



144.2020, -16.8616, -51.9202



220.4460, -6.6289, -20.5621



162.8800, -38.3948, -5.1568



108.5980, -3.7458, -11.9254



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



144.2020, -16.8616, -51.9202



177.1970, -26.2261, -81.7338



149.5600, 3.6679, -56.6191



85.6250, -1.2941, -4.9331



94.3710, -26.8049, -82.7634



16.0600, -4.4666, -14.0846

Inverse Universe

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



121.7980, 16.8616, 51.9202



141.8030, 26.2261, 81.7338



116.4400, -3.6679, 56.6191



83.4890, 1.7309, 4.8331



58.6290, 26.8049, 82.7634



9.9400, 4.4666, 14.0846

Previews

White Background



This preview shows how the YUV color 144.2020, -16.8616, -51.9202 looks on a white 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

Black Background



This preview shows how the YUV color 144.2020, -16.8616, -51.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

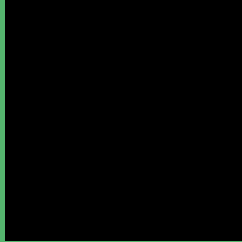
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 144.2020, -16.8616, -51.9202 Background



This preview shows how black text looks on a background with the YUV color 144.2020, -16.8616, -51.9202.



This preview shows how white text looks on a background with the YUV color 144.2020, -16.8616, -51.9202.

-51.9202.

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

144.2020, -16.8616, -51.9202

Protanopia

158.4600, -27.8348, 14.5056

Deuteranopia

160.7310, -22.0524, 26.5459



Tritanopia

153.2640, 16.1388, -43.2045

Trichromacy



Original Color

144.2020, -16.8616, -51.9202



Protanomaly

153.0440, -23.6857, -9.6856



Deuteranomaly

154.7120, -20.0710, -2.3784



Tritanomaly

149.7400, 4.0722, -46.2530

Monochromacy



Original Color

144.2020, -16.8616, -51.9202



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9840, -5.9081, -18.4030

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2020, -16.8616, -51.9202 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(85, 181, 110)` looks like.

```
.text, #text, p{  
    color:rgb(85, 181, 110)  
}
```

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(85, 181, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 181, 110) }
```

Border

The CSS property to change the border of an element to YUV 144.2020, -16.8616, -51.9202 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(85, 181, 110) }
```


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

```
.border{ border-color:rgb(85, 181, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 181, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 181, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 181, 110);  
box-shadow:4px 4px 4px 4px rgb(85, 181,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 144.2020, -16.8616, -51.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 181, 110) }
```

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

```
.background{ background-color: rgb(85, 181,  
110) }
```

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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