

Converting Colors

YUV(106.2020, -37.0746,
-55.4282)

Have a look what the booklet for
YUV(106.2020, -37.0746, -55.4282)
contains.

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Color

**YUV(106.2020, -37.0746,
-55.4282)**

Conversions

Conversions Part 1

Format	Color
Hex	2B991F
RGB	43, 153, 31
RGB Percent	17%, 60%, 12%
CMY	0.8314, 0.4000, 0.8784
CMYK	0.72, 0.00, 0.80, 0.40
HSL	114°, 66%, 36%
HSV	114°, 80%, 60%
XYZ	12.6348, 23.3950, 5.1461
YIQ	106.2020, -26.3980, -61.2620

Conversions

Conversions Part 2

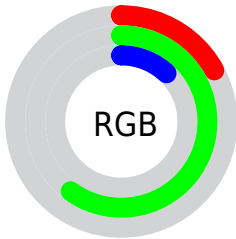
Format	Color
R_{YB}	31, 153, 141
Decimal	2857247
CIE _{Lab}	55.48, -52.91, 50.93
CIE _{LCh}	55, 73.436, 136.095
Yxy	23.3950, 0.3068, 0.5682
Android (android.graphics.Color)	4281047327 (0xFF2B991F)
YUV	106.2020, -37.0746, -55.4282
Hunter-Lab	48.3684, -38.0167, 27.5498

Details

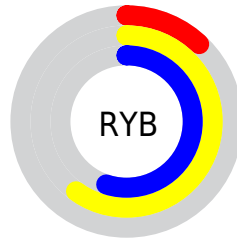
The YUV color **106.2020, -37.0746, -55.4282** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **77.7980, 37.0746, 55.4282**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5940, -38.2538, -50.5099**, and **58.7000, -28.9391, -51.4799** is the 20% darker color. If you saturate the color by 10%, you get **100.3060, -41.5629, -62.5354**, and if you desaturate by 10%, it is **112.0980, -32.5863, -48.3209**.

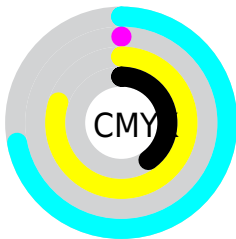
Distribution



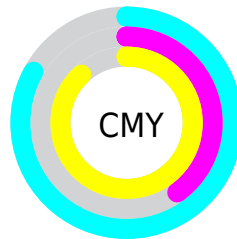
- Red (17%)
- Green (60%)
- Blue (12%)



- Red (12%)
- Yellow (60%)
- Blue (55%)



- Cyan (72%)
- Magenta (0%)
- Yellow (80%)
- Black (40%)



- Cyan (83%)
- Magenta (40%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2020, -37.0746, -55.4282 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 106.2020, -37.0746, -55.4282 by changing the saturation by 10% instead.

■ 106.2020,
-37.0746, -55.4282

■ 106.2020,
-37.0746, -55.4282

■ 255.0000, 0.0000,
0.0000

■ 73.9620, -36.4633,
-64.8647

■ 163.5940,
-38.2538, -50.5099

■ 58.7000, -28.9391,
-51.4799

■ 192.2520,
-39.5642, -50.2100

■ 44.0250, -21.7043,
-38.6099

■ 214.5670,
-37.2545, -44.3473

■ 30.5240, -15.0483,
-26.7695

■ 226.3160,
-29.7358, -29.2181

■ 16.4360, -8.1029,
-14.4144

■ 238.4780,
-21.9277, -13.5742

■ 0.0000, 0.0000,
0.0000

■ 250.7540,

-13.6827, 1.9697

254.6580, -1.3104,
0.2999

■ 106.2020,
-37.0746, -55.4282

■ 106.2020,
-37.0746, -55.4282

■ 100.3060,
-41.5629, -62.5354

■ 112.0980,
-32.5863, -48.3209

■ 94.2960, -46.4879,
-69.5426

■ 118.1080,
-27.6612, -41.3137

■ 123.7050,
-23.0256, -34.8213

■ 129.6010,
-18.5373, -27.7141

■ 135.4970,
-14.0490, -20.6069

■ 141.5070, -9.1240,
-13.5996

■ 147.4030, -4.6357,
-6.4924

■ 153.0000, 0.0000,
0.0000

■ 159.0100, 4.9251,
7.0072

Harmonies

Analogous

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



120.4520, -59.3828, 6.6196



106.2020, -37.0746, -55.4282



104.7330, -2.3334, -91.8508

Triad

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



106.2020, -37.0746, -55.4282



116.5330, 68.2642, -102.1994



119.8040, -8.7774, 108.9199

Complementary

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



106.2020, -37.0746, -55.4282



77.7980, 37.0746, 55.4282

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.



126.0340, 19.2102, 92.0552



106.2020, -37.0746, -55.4282



116.1550, 68.4506, -68.5419

Square

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



106.2020, -37.0746, -55.4282



118.8690, 51.8296, -104.2481



135.7570, 42.5178, 36.1701



124.4910, -41.1611, 89.0234

Rectangle

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



106.2020, -37.0746, -55.4282



111.0370, 16.7438, -97.3794



135.7570, 42.5178, 36.1701



119.5510, 1.7004, 108.2648

Sweetspot

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



106.2020, -37.0746, -55.4282



180.6710, -14.6278, -21.6365



132.0480, -49.8167, 18.3749



88.0340, -8.3978, -13.1848



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.



106.2020, -37.0746, -55.4282



125.7980, -58.0744, -86.6458



108.2000, -13.9026, -67.7044



73.9950, -2.4625, -3.5036



86.3660, -42.5784, -63.4650



7.9300, -3.9095, -6.0776

Inverse Universe

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



77.7980, 37.0746, 55.4282



81.2020, 58.0744, 86.6458



75.8000, 13.9026, 67.7044



72.0050, 2.4625, 3.5036



53.6340, 42.5784, 63.4650



4.7710, 4.0569, 5.4628

Previews

White Background



This preview shows how the YUV color 106.2020, -37.0746, -55.4282 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 106.2020, -37.0746, -55.4282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

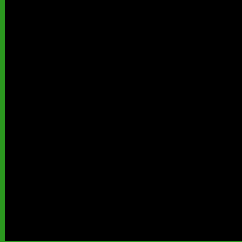
Any Text WCAG AA ✓ Pass

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 106.2020, -37.0746, -55.4282 Background



This preview shows how black text looks on a background with the YUV color 106.2020, -37.0746, -55.4282.



This preview shows how white text looks on a background with the YUV color 106.2020, -37.0746,

-55.4282.

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

106.2020, -37.0746, -55.4282

Protanopia

124.9990, -48.8065, 21.0489

Deuteranopia

127.7260, -41.2769, 32.6893



Tritanopia

123.3350, 15.1178, -42.3898

Trichromacy



Original Color

106.2020, -37.0746, -55.4282

Protanomaly

118.2620, -44.4992, -7.2458

Deuteranomaly

119.8700, -39.8689, 0.9910

Tritanomaly

116.9650, -3.9267, -47.3273

Monochromacy



Original Color

106.2020, -37.0746, -55.4282

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0240, -13.3228, -20.1920

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2020, -37.0746, -55.4282 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(43, 153, 31)` looks like.

```
.text, #text, p{  
    color:rgb(43, 153, 31)  
}
```

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(43, 153, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 153, 31) }
```

Border

The CSS property to change the border of an element to YUV 106.2020, -37.0746, -55.4282 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(43, 153, 31) }
```


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

```
.border{ border-color:rgb(43, 153, 31) }
```

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

Here you see how a box with a 4 pixel rgb(43, 153, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 153, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 153, 31);  
box-shadow:4px 4px 4px 4px rgb(43, 153,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 106.2020, -37.0746, -55.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 153, 31) }
```

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

```
.background{ background-color: rgb(43, 153,  
31) }
```

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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