

Converting Colors

YUV(120.1360, -37.0420,
-65.8943)

Have a look what the booklet for
YUV(120.1360, -37.0420, -65.8943)
contains.

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Color

**YUV(120.1360, -37.0420,
-65.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	2DAD2D
RGB	45, 173, 45
RGB Percent	18%, 68%, 18%
CMY	0.8235, 0.3216, 0.8235
CMYK	0.74, 0.00, 0.74, 0.32
HSL	120°, 59%, 43%
HSV	120°, 74%, 68%
XYZ	16.4994, 30.6345, 7.5261
YIQ	120.1360, -35.2000, -66.9440

Conversions

Conversions Part 2

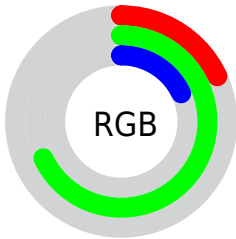
Format	Color
RYB	45, 173, 173
Decimal	2993453
CIELab	62.20, -58.14, 52.74
CIElCh	62, 78.500, 137.785
Yxy	30.6345, 0.3019, 0.5605
Android (android.graphics.Color)	4281183533 (0xFF2DAD2D)
YUV	120.1360, -37.0420, -65.8943
Hunter-Lab	55.3484, -43.6488, 30.6819

Details

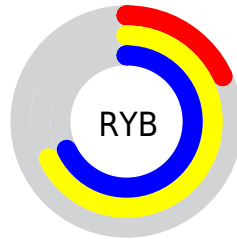
The YUV color **120.1360, -37.0420, -65.8943** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **97.8640, 37.0420, 65.8943**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4850, -39.6791, -60.0613**, and **69.8530, -34.4375, -61.2611** is the 20% darker color. If you saturate the color by 10%, you get **113.1150, -41.9617, -74.6459**, and if you desaturate by 10%, it is **127.1570, -32.1224, -57.1427**.

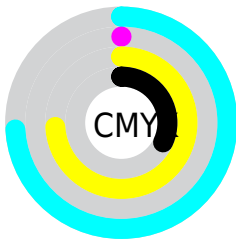
Distribution



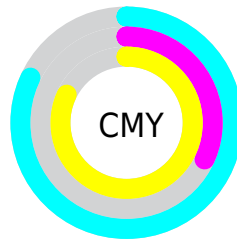
- Red (18%)
- Green (68%)
- Blue (18%)



- Red (18%)
- Yellow (68%)
- Blue (68%)



- Cyan (74%)
- Magenta (0%)
- Yellow (74%)
- Black (32%)



- Cyan (82%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1360, -37.0420, -65.8943 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 120.1360, -37.0420, -65.8943 by changing the saturation by 10% instead.

■ 120.1360,
-37.0420, -65.8943

■ 120.1360,
-37.0420, -65.8943

■ 255.0000, 0.0000,
0.0000

■ 86.9560, -37.4463,
-76.2604

■ 179.4850,
-39.6791, -60.0613

■ 69.8530, -34.4375,
-61.2611

■ 206.2080,
-39.5425, -57.1874

■ 54.5910, -26.9134,
-47.8763

■ 218.2560,
-32.1712, -41.4435

■ 39.9160, -19.6786,
-35.0063

■ 230.1190,
-24.2157, -26.4144

■ 27.0020, -13.3120,
-23.6808

■ 242.2810,
-16.4075, -10.7704

■ 8.2180, -4.0515,
-7.2072

■ 253.0620, -7.4256,

■ 0.0000, 0.0000,

1.6996

0.0000

■ 120.1360,
-37.0420, -65.8943

■ 120.1360,
-37.0420, -65.8943

■ 113.1150,
-41.9617, -74.6459

■ 127.1570,
-32.1224, -57.1427

■ 105.6810,
-47.1707, -83.9122

■ 134.5910,
-26.9134, -47.8763

■ 101.5510,
-50.0646, -89.0602

■ 141.6120,
-21.9937, -39.1247

■ 148.6330,
-17.0741, -30.3731

■ 156.0670,
-11.8650, -21.1068

■ 163.0880, -6.9454,
-12.3552

■ 170.1090, -2.0257,
-3.6036

■ 177.1300, 2.8939,
5.1480

■ 184.5640, 8.1029,
14.4144

Harmonies

Analogous

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



136.3780, -67.2344, 4.9305



120.1360, -37.0420, -65.8943



119.1120, -0.5482, -104.4612

Triad

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



120.1360, -37.0420, -65.8943



127.0990, 63.0552, -111.4658



132.4510, -10.0823, 107.4755

Complementary

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



120.1360, -37.0420, -65.8943



97.8640, 37.0420, 65.8943

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.



141.6050, 19.9147, 99.4474



120.1360, -37.0420, -65.8943



135.1260, 59.0979, -55.3615

Square

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



120.1360, -37.0420, -65.8943



133.3280, 58.9983, -116.9287



153.4960, 45.1115, 44.2920



141.6290, -47.1451, 95.0414

Rectangle

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



120.1360, -37.0420, -65.8943



125.2850, 20.5655, -109.8749



153.4960, 45.1115, 44.2920



132.1380, 1.4110, 107.7500

Sweetspot

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



120.1360, -37.0420, -65.8943



203.7630, -14.1802, -25.2252



158.4080, -55.9101, 12.7972



100.0230, -8.3923, -14.9292



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



120.1360, -37.0420, -65.8943



141.8130, -57.5888, -102.4450



127.4320, -9.0870, -72.2929



83.2830, -2.6045, -4.6332



88.0500, -43.4087, -77.2198



13.5010, -6.6560, -11.8404

Inverse Universe

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



97.8640, 37.0420, 65.8943



107.1870, 57.5888, 102.4450



90.5680, 9.0870, 72.2929



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 120.1360, -37.0420, -65.8943 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 120.1360, -37.0420, -65.8943 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 120.1360, -37.0420, -65.8943 Background



This preview shows how black text looks on a background with the YUV color 120.1360, -37.0420, -65.8943.



This preview shows how white text looks on a background with the YUV color 120.1360, -37.0420, -65.8943.

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

120.1360, -37.0420, -65.8943

Protanopia

141.8420, -50.7011, 22.0636

Deuteranopia

145.4660, -43.6137, 35.5483



Tritanopia

138.8610, 17.3235, -49.8671

Trichromacy



Original Color

120.1360, -37.0420, -65.8943



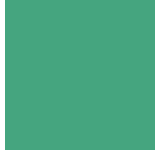
Protanomaly

134.1970, -45.9461, -9.8198



Deuteranomaly

136.2180, -41.0265, -1.0682



Tritanomaly

131.9640, -2.4473, -55.2194

Monochromacy



Original Color

120.1360, -37.0420, -65.8943



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

120.0020, -13.3120, -23.6808

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1360, -37.0420, -65.8943 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(45, 173, 45)` looks like.

```
.text, #text, p{  
    color:rgb(45, 173, 45)  
}
```

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(45, 173, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 173, 45) }
```

Border

The CSS property to change the border of an element to YUV 120.1360, -37.0420, -65.8943 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(45, 173, 45) }
```


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

```
.border{ border-color:rgb(45, 173, 45) }
```

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

Here you see how a box with a 4 pixel rgb(45, 173, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 173, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 173, 45);  
box-shadow:4px 4px 4px 4px rgb(45, 173,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 120.1360, -37.0420, -65.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 173, 45) }
```

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

```
.background{ background-color: rgb(45, 173,  
45) }
```

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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