

Converting Colors

YUV(36.1070, 11.2862, 20.0772)

Have a look what the booklet for
YUV(36.1070, 11.2862, 20.0772)
contains.

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Color

**YUV(36.1070, 11.2862,
20.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	3B143B
RGB	59, 20, 59
RGB Percent	23%, 8%, 23%
CMY	0.7686, 0.9216, 0.7686
CMYK	0.00, 0.66, 0.00, 0.77
HSL	300°, 49%, 15%
HSV	300°, 66%, 23%
XYZ	2.8432, 1.7459, 4.3248
YIQ	36.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

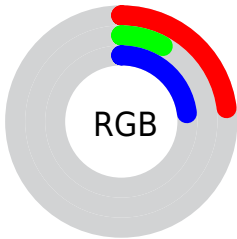
Format	Color
R_{YB}	59, 20, 59
Decimal	3871803
CIE Lab	14.09, 25.50, -16.35
CIE LCh	14, 30.296, 327.327
Yxy	1.7459, 0.3190, 0.1959
Android (android.graphics.Color)	4282061883 (0xFF3B143B)
YUV	36.1070, 11.2862, 20.0772
Hunter-Lab	13.2132, 15.2864, -10.1570

Details

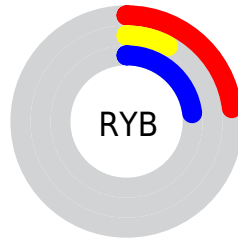
The YUV color **36.1070, 11.2862, 20.0772** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **42.8930, -11.2862, -20.0772**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5310, 11.5702, 22.3363**, and **2.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **32.5850, 13.0226, 23.1660**, and if you desaturate by 10%, it is **39.6290, 9.5499, 16.9884**.

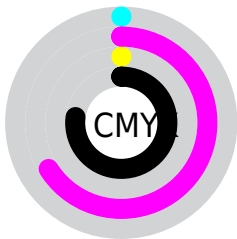
Distribution



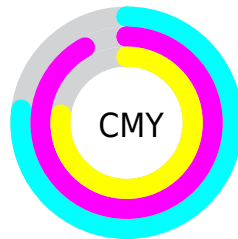
- Red (23%)
- Green (8%)
- Blue (23%)



- Red (23%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (66%)
- Yellow (0%)
- Black (77%)



- Cyan (77%)
- Magenta (92%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1070, 11.2862, 20.0772 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 36.1070, 11.2862, 20.0772 by changing the saturation by 10% instead.

36.1070, 11.2862,
20.0772

36.1070, 11.2862,
20.0772

252.6520, 1.1576,
2.0592

15.2810, 10.7075,
19.0476

82.5310, 11.5702,
22.3363

2.1830, 5.8258,
-1.9145

107.3570, 12.1490,
23.3659

0.0000, 0.0000,
0.0000

132.7700, 12.4384,
23.8807

159.1830, 12.7278,
24.3955

186.5960, 13.0172,
24.9103

214.3080, 13.1592,

26.0399

■ 235.6290, 9.5499,
16.9884

■ 36.1070, 11.2862,
20.0772

■ 36.1070, 11.2862,
20.0772

■ 32.5850, 13.0226,
23.1660

■ 39.6290, 9.5499,
16.9884

■ 29.0630, 14.7589,
26.2547

■ 43.1510, 7.8136,
13.8996

■ 25.5410, 16.4953,
29.3435

■ 46.6730, 6.0772,
10.8108

■ 24.3670, 17.0741,
30.3731

■ 50.1950, 4.3409,
7.7220

■ 53.1300, 2.8939,
5.1480

■ 56.6520, 1.1576,
2.0592

■ 60.1740, -0.5788,
-1.0296

■ 63.6960, -2.3151,
-4.1184

■ 67.2180, -4.0515,
-7.2072

Harmonies

Analogous

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



35.6030, 18.9297, -4.9138



36.1070, 11.2862, 20.0772



32.1320, 3.3859, 34.0872

Triad

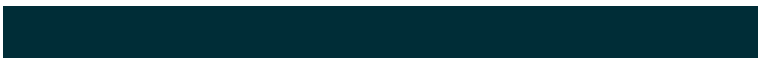
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.1070, 11.2862, 20.0772



34.0110, -16.7674, 11.3914



32.6850, 11.0013, -28.6647

Complementary

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



36.1070, 11.2862, 20.0772



42.8930, -11.2862, -20.0772

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.



30.1770, 1.3917, -26.4652



36.1070, 11.2862, 20.0772



31.8520, -15.7030, -3.3782

Square

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



36.1070, 11.2862, 20.0772



33.5120, -16.5214, 25.8610



26.2670, -8.5126, -23.0362



33.3350, 18.5688, -29.2348

Rectangle

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



36.1070, 11.2862, 20.0772



31.7210, -3.3135, 36.2017



26.2670, -8.5126, -23.0362



31.8870, 7.9437, -27.9649

Sweetspot

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



36.1070, 11.2862, 20.0772



67.6080, 4.6303, 8.2368



24.4460, 17.0351, -3.8991



32.7170, 2.6045, 4.6332



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.1070, 11.2862, 20.0772



41.1930, 17.6529, 31.4027



33.8270, 2.5503, 22.0767



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Inverse Universe

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



36.1070, 11.2862, 20.0772



41.1930, 17.6529, 31.4027



45.0590, -2.9871, -21.9767



29.2390, 0.8682, 1.5444



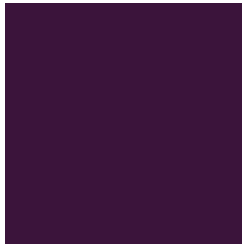
38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 36.1070, 11.2862, 20.0772 looks on a white background.

Color Contrast Check

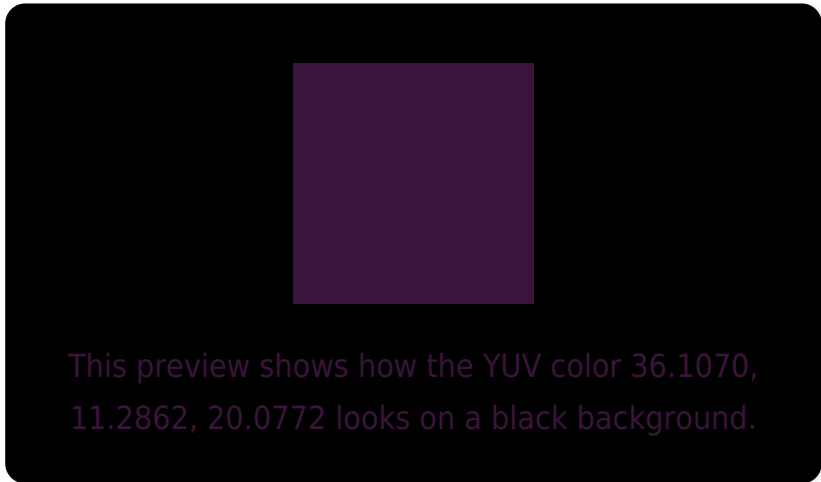
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 36.1070, 11.2862, 20.0772

Background



This preview shows how black text looks on a background with the YUV color 36.1070, 11.2862, 20.0772.



This preview shows how white text looks on a background with the YUV color 36.1070, 11.2862,

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

36.1070, 11.2862, 20.0772

Protanopia

33.1560, 20.1361, -18.5538

Deuteranopia

36.4750, 9.6258, -7.4326



Tritanopia

37.3010, -3.1064, 16.3990

Trichromacy



Original Color

36.1070, 11.2862, 20.0772

Protanomaly

34.1470, 17.1825, -4.5139

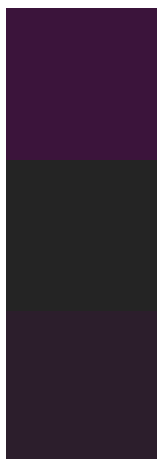
Deuteranomaly

36.3560, 10.1775, 2.3188

Tritanomaly

36.9790, 1.9824, 17.5584

Monochromacy



Original Color

36.1070, 11.2862, 20.0772

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7820, 4.0515, 7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1070, 11.2862, 20.0772 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(59, 20, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 20, 59)  
}
```

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(59, 20, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 20, 59) }
```

Border

The CSS property to change the border of an element to YUV 36.1070, 11.2862, 20.0772 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(59, 20, 59) }
```


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

```
.border{ border-color:rgb(59, 20, 59) }
```

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

Here you see how a box with a 4 pixel rgb(59, 20, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 20, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 20, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 20, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1070, 11.2862, 20.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 20, 59) }
```

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

```
.background{ background-color: rgb(59, 20,  
59) }
```

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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