

Converting Colors

YUV(36.3060, 23.0201, 36.5656)

Have a look what the booklet for
YUV(36.3060, 23.0201, 36.5656)
contains.

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Color

**YUV(36.3060, 23.0201,
36.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0653
RGB	78, 6, 83
RGB Percent	31%, 2%, 33%
CMY	0.6941, 0.9765, 0.6745
CMYK	0.06, 0.93, 0.00, 0.67
HSL	296°, 87%, 17%
HSV	296°, 93%, 33%
XYZ	4.7683, 2.3745, 8.3906
YIQ	36.3060, 18.1950, 39.2110

Conversions

Conversions Part 2

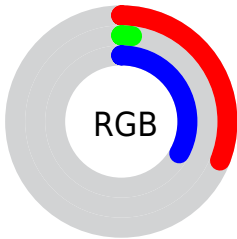
Format	Color
R_{YB}	78, 6, 83
Decimal	5113427
CIE _{Lab}	17.34, 40.70, -27.62
CIE _{LCh}	17, 49.186, 325.832
Yxy	2.3745, 0.3070, 0.1529
Android (android.graphics.Color)	4283303507 (0xFF4E0653)
YUV	36.3060, 23.0201, 36.5656
Hunter-Lab	15.4094, 28.2695, -21.4977

Details

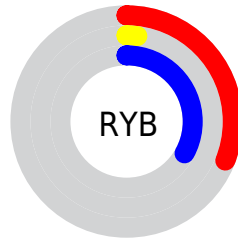
The YUV color **36.3060, 23.0201, 36.5656** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **52.6940, -23.0201, -36.5656**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.8390, 21.2784, 35.2212**, and **13.9000, 11.8813, 15.8737** is the 20% darker color. If you saturate the color by 10%, you get **32.7840, 24.7565, 39.6544**, and if you desaturate by 10%, it is **41.3010, 20.5576, 33.0620**.

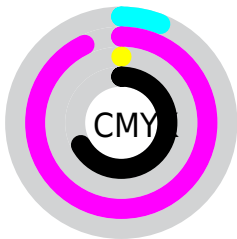
Distribution



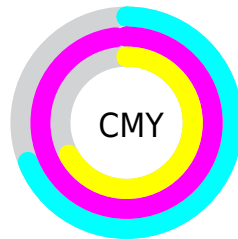
- Red (31%)
- Green (2%)
- Blue (33%)



- Red (31%)
- Yellow (2%)
- Blue (33%)



- Cyan (6%)
- Magenta (93%)
- Yellow (0%)
- Black (67%)





- Cyan (69%)
- Magenta (98%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.3060, 23.0201, 36.5656 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 36.3060, 23.0201, 36.5656 by changing the saturation by 10% instead.


 36.3060, 23.0201,
36.5656


 36.3060, 23.0201,
36.5656


 252.0650, 1.4470,
2.5740


 22.6870, 18.3953,
26.5845

 89.8390, 21.2784,
35.2212


 13.9000, 11.8813,
15.8737


 115.5510, 21.4204,
36.3508

 2.1830, 5.8258,
-1.9145

 141.6760, 21.8517,
37.9951

 0.0000, 0.0000,
0.0000


 169.0890, 22.1411,
38.5099


 196.9150, 22.7199,
39.5395


 218.0190, 18.2316,


32.4323


 235.0420, 9.8393,
17.5032


 36.3060, 23.0201,
36.5656


 36.3060, 23.0201,
36.5656


 32.7840, 24.7565,
39.6544

 41.3010, 20.5576,
33.0620

 46.5840, 17.9531,
28.4288

 51.5790, 15.4906,
24.9252

 56.2750, 13.1754,
20.8068

 61.2700, 10.7129,
17.3032

■ 66.5530, 8.1084,
12.6700

■ 71.5480, 5.6458,
9.1664

■ 76.2440, 3.3307,
5.0480

■ 81.8260, 0.5788,
1.0296

Harmonies

Analogous

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



36.4340, 35.2820, -23.1826



36.3060, 23.0201, 36.5656



35.1870, 6.8098, 55.9640

Triad

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



36.3060, 23.0201, 36.5656



40.8220, -20.1252, 15.0651



41.1940, 15.6804, -36.1271

Complementary

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



36.3060, 23.0201, 36.5656



52.6940, -23.0201, -36.5656

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.



36.9760, -0.4812, -32.4280



36.3060, 23.0201, 36.5656



35.6400, -17.5705, -11.0853

Square

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



36.3060, 23.0201, 36.5656



37.1440, -18.3120, 40.2157



31.6980, -15.6271, -27.7991



43.9130, 28.6369, -38.5117

Rectangle

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



36.3060, 23.0201, 36.5656



33.1630, -3.5314, 59.4930



31.6980, -15.6271, -27.7991



39.8260, 10.4388, -34.9274

Sweetspot

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



36.3060, 23.0201, 36.5656



88.7920, 8.9765, 14.2144



17.7130, 32.1865, -10.2723



42.2490, 5.7932, 8.5516



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



36.3060, 23.0201, 36.5656



42.0980, 31.9967, 50.7801



34.0390, 7.8688, 42.9388



38.6520, 1.1576, 2.0592



41.2720, 31.4179, 49.7505



91.3310, 69.3498, 110.2117

Inverse Universe

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



29.5930, -9.1663, 46.8379



32.7910, -12.7150, 65.0813



54.9610, -7.8688, -42.9388



38.1960, -0.5896, 2.4591



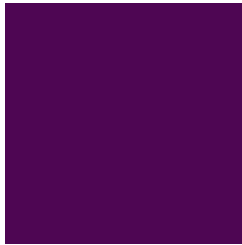
32.1930, -12.4201, 63.8517



71.0780, -27.6465, 141.1286

Previews

White Background



This preview shows how the YUV color 36.3060, 23.0201, 36.5656 looks on a white background.

Color Contrast Check

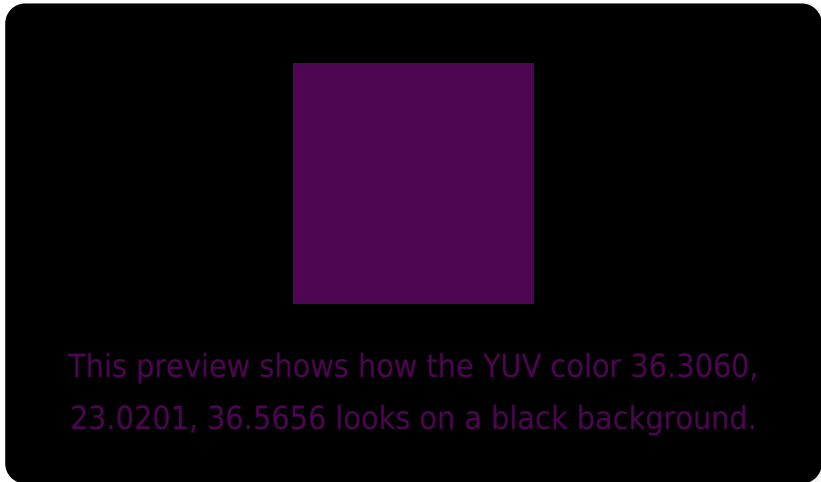
Large Text (above 18pt) WCAG AA ✓ Pass

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

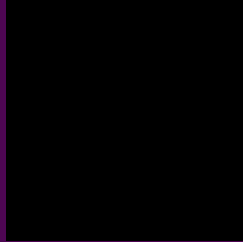
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.3060, 23.0201, 36.5656

Background



This preview shows how black text looks on a background with the YUV color 36.3060, 23.0201, 36.5656.



This preview shows how white text looks on a background with the YUV color 36.3060, 23.0201,

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

36.3060, 23.0201, 36.5656

Protanopia

36.4300, 27.8890, -31.9491

Deuteranopia

42.1730, 17.6627, -18.5687



Tritanopia

44.8890, -4.8753, 23.7763

Trichromacy



Original Color

36.3060, 23.0201, 36.5656

Protanomaly

36.1280, 26.0659, -7.1283

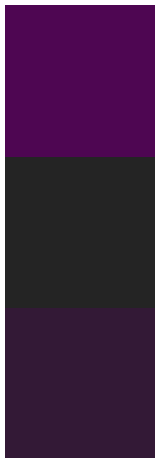
Deuteranomaly

39.8750, 19.7816, 1.8636

Tritanomaly

41.5550, 5.1494, 28.4543

Monochromacy



Original Color

36.3060, 23.0201, 36.5656

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.3060, 23.0201, 36.5656 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(78, 6, 83)` looks like.

```
.text, #text, p{  
    color:rgb(78, 6, 83)  
}
```

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(78, 6, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 6, 83) }
```

Border

The CSS property to change the border of an element to YUV 36.3060, 23.0201, 36.5656 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(78, 6, 83) }
```


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

```
.border{ border-color:rgb(78, 6, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 6, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 6, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 6, 83); box-shadow:4px  
4px 4px 4px rgb(78, 6, 83) }
```

Background

The CSS property to change the background color of an element to YUV 36.3060, 23.0201, 36.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 6, 83) }
```

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

```
.background{ background-color: rgb(78, 6,  
83) }
```

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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