

Converting Colors

YUV(36.1630, 60.0656, 7.7500)

Have a look what the booklet for
YUV(36.1630, 60.0656, 7.7500)
contains.

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Color

**YUV(36.1630, 60.0656,
7.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	2D089E
RGB	45, 8, 158
RGB Percent	18%, 3%, 62%
CMY	0.8235, 0.9686, 0.3804
CMYK	0.72, 0.95, 0.00, 0.38
HSL	255°, 90%, 33%
HSV	255°, 95%, 62%
XYZ	7.3406, 3.2002, 32.5786
YIQ	36.1630, -26.0980, 54.4940

Conversions

Conversions Part 2

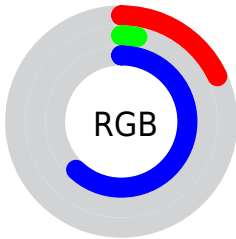
Format	Color
R_{YB}	45, 8, 158
Decimal	2951326
CIE _{Lab}	20.83, 54.19, -70.27
CIE _{LCh}	21, 88.736, 307.635
Yxy	3.2002, 0.1702, 0.0742
Android (android.graphics.Color)	4281141406 (0xFF2D089E)
YUV	36.1630, 60.0656, 7.7500
Hunter-Lab	17.8890, 41.9398, -95.4534

Details

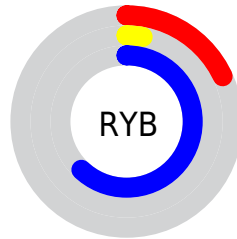
The YUV color **36.1630, 60.0656, 7.7500** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **129.8370, -60.0656, -7.7500**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.2670, 59.0284, 13.7978**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **29.6730, 63.2652, 8.1798**, and if you desaturate by 10%, it is **49.1430, 53.6665, 6.8906**.

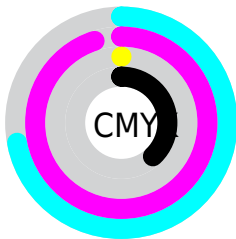
Distribution



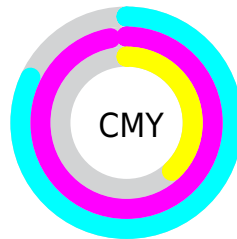
- Red (18%)
- Green (3%)
- Blue (62%)



- Red (18%)
- Yellow (3%)
- Blue (62%)



- Cyan (72%)
- Magenta (95%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (97%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.1630, 60.0656, 7.7500 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 36.1630, 60.0656, 7.7500 by changing the saturation by 10% instead.

■ 36.1630, 60.0656,
7.7500

■ 36.1630, 60.0656,
7.7500

■ 254.4130, 0.2894,
0.5148

■ 14.9340, 57.2205,
-13.0971

■ 94.2670, 59.0284,
13.7978

■ 11.9700, 45.8638,
-10.4977

■ 121.8050, 59.7491,
15.9570

■ 9.1200, 34.9438,
-7.9982

■ 147.1060, 53.1917,
19.2010

■ 9.3190, 23.0137,
-8.1728

■ 171.3380, 41.2454,
24.2596

■ 4.9360, 13.8356,
-4.3289

■ 196.1570, 29.0096,
28.8033

■ 0.7980, 3.0576,
-0.6998


■ 220.3670, 17.0741,


■ 0.0000, 0.0000,


30.3731


0.0000


 237.3900, 8.6817,
15.4440


 36.1630, 60.0656,
7.7500


 36.1630, 60.0656,
7.7500


 29.6730, 63.2652,
8.1798

 49.1430, 53.6665,
6.8906

 62.1230, 47.2674,
6.0311

 74.5160, 41.1576,
5.6865

 87.4960, 34.7585,
4.8270

 100.4760, 28.3593,
3.9675

■ 113.1570, 22.1076,
2.4933

■ 126.1370, 15.7085,
1.6339

■ 138.5300, 9.5987,
1.2892

■ 151.5100, 3.1996,
0.4297

Harmonies

Analogous

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



55.9510, 64.6072, -49.0690



36.1630, 60.0656, 7.7500



51.0960, 25.0957, 70.9528

Triad

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



36.1630, 60.0656, 7.7500



42.2270, -20.8179, 50.6669



48.6140, 8.5713, -42.6345

Complementary

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



36.1630, 60.0656, 7.7500



129.8370, -60.0656, -7.7500

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.



39.9160, -19.6786, -35.0063



36.1630, 60.0656, 7.7500



46.0500, -22.7026, 1.7102

Square

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



36.1630, 60.0656, 7.7500



40.6640, -20.0474, 83.6097



37.5680, -18.5210, -32.9471



57.1980, 36.3844, -50.1626

Rectangle

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



36.1630, 60.0656, 7.7500



51.5760, 3.6600, 86.3178



37.5680, -18.5210, -32.9471



45.9920, -1.4751, -40.3350

Sweetspot

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



36.1630, 60.0656, 7.7500



159.7980, 23.2706, 2.8082



92.6050, 32.2397, -74.1986



75.7950, 14.3981, 1.9338



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



36.1630, 60.0656, 7.7500



38.8470, 82.8994, 10.6582



57.9900, 49.3049, 52.6288



72.5100, 3.1996, 0.4297



26.7670, 57.3029, 7.2203



2.9060, 5.9623, 0.9594

Inverse Universe

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



65.7320, 27.2471, 80.9190



79.6770, 37.6272, 111.6623



108.0100, -49.3049, -52.6288



74.0760, 1.4415, 4.3183



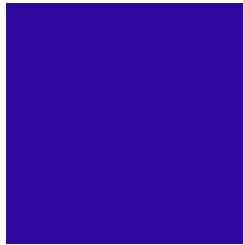
55.0690, 26.0950, 77.1155



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 36.1630, 60.0656, 7.7500 looks on a white background.

Color Contrast Check

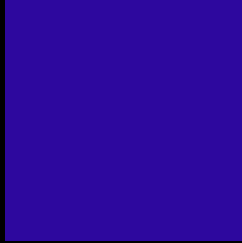
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 36.1630, 60.0656, 7.7500 looks on a 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 36.1630, 60.0656, 7.7500

Background



This preview shows how black text looks on a background with the YUV color 36.1630, 60.0656, 7.7500.



This preview shows how white text looks on a background with the YUV color 36.1630, 60.0656,

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

36.1630, 60.0656, 7.7500

Protanopia

41.4340, 31.8310, -36.3376

Deuteranopia

41.9580, 23.6847, -36.7972



Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Original Color

36.1630, 60.0656, 7.7500

Protanomaly

39.5790, 42.1126, -20.6788

Deuteranomaly

39.6130, 37.1658, -20.7086

Tritanomaly

39.2080, 27.9985, -20.3534

Monochromacy



Original Color

36.1630, 60.0656, 7.7500

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

36.0430, 21.6708, 2.5933

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.1630, 60.0656, 7.7500 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, 8, 158)` looks like.

```
.text, #text, p{  
    color:rgb(45, 8, 158)  
}
```

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, 8, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 8, 158) }
```

Border

The CSS property to change the border of an element to YUV 36.1630, 60.0656, 7.7500 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, 8, 158) }
```


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

```
.border{ border-color:rgb(45, 8, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 8, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 8, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 8, 158);  
box-shadow:4px 4px 4px 4px rgb(45, 8, 158)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.1630, 60.0656, 7.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 8, 158) }
```

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

```
.background{ background-color: rgb(45, 8,  
158) }
```

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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