

Converting Colors

YUV(91.3060, 13.1601, 72.5226)

Have a look what the booklet for
YUV(91.3060, 13.1601, 72.5226)
contains.

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Color

**YUV(91.3060, 13.1601,
72.5226)**

Conversions

Conversions Part 1

Format	Color
Hex	AE2C76
RGB	174, 44, 118
RGB Percent	68%, 17%, 46%
CMY	0.3176, 0.8275, 0.5373
CMYK	0.00, 0.75, 0.32, 0.32
HSL	326°, 60%, 43%
HSV	326°, 75%, 68%
XYZ	21.6263, 12.1080, 18.3368
YIQ	91.3060, 53.7260, 50.5740

Conversions

Conversions Part 2

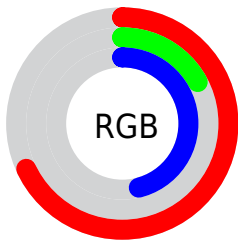
Format	Color
R_{YB}	174, 44, 118
Decimal	11414646
CIE _{Lab}	41.39, 57.89, -11.50
CIE _{LCh}	41, 59.019, 348.761
Yxy	12.1080, 0.4153, 0.2325
Android (android.graphics.Color)	4289604726 (0xFFAE2C76)
YUV	91.3060, 13.1601, 72.5226
Hunter-Lab	34.7966, 50.0445, -6.8865

Details

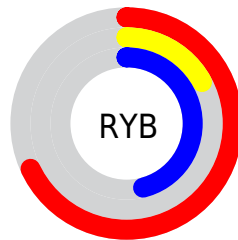
The YUV color **91.3060, 13.1601, 72.5226** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **126.6940, -13.1601, -72.5226**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9210, 10.3919, 73.7373**, and **42.9630, 13.3292, 64.9304** is the 20% darker color. If you saturate the color by 10%, you get **80.5290, 15.0222, 81.9741**, and if you desaturate by 10%, it is **102.0830, 11.2981, 63.0712**.

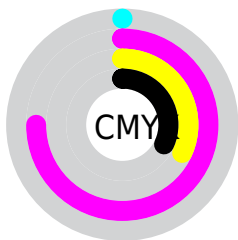
Distribution



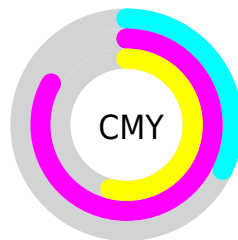
- Red (68%)
- Green (17%)
- Blue (46%)



- Red (68%)
- Yellow (17%)
- Blue (46%)



- Cyan (0%)
- Magenta (75%)
- Yellow (32%)
- Black (32%)





- Cyan (32%)
- Magenta (83%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.3060, 13.1601, 72.5226 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 91.3060, 13.1601, 72.5226 by changing the saturation by 10% instead.


 91.3060, 13.1601,
72.5226


 91.3060, 13.1601,
72.5226


255.0000, 0.0000,
0.0000


 53.9570, 19.2482,
79.8447


 148.9210, 10.3919,
73.7373


 42.9630, 13.3292,
64.9304


 175.0130, 10.8396,
70.1486


 31.9690, 7.4103,
50.0162

 194.6410, 14.9670,
52.9348

 22.2140, 2.3595,
36.6463

 214.3830, 19.5312,
35.6211

 10.5790, -4.7224,
21.4172

 231.5200, 11.5756,
20.5920

 0.0000, 0.0000,
0.0000

 248.5430, 3.1833,

5.6628

■ 91.3060, 13.1601,
72.5226

■ 91.3060, 13.1601,
72.5226

■ 80.5290, 15.0222,
81.9741

■ 102.0830, 11.2981,
63.0712

■ 69.0510, 16.7369,
92.0403

■ 113.5610, 9.5834,
53.0050

■ 63.3120, 17.5942,
97.0734

■ 124.3380, 7.7214,
43.5536

■ 135.8160, 6.0067,
33.4874

■ 146.5930, 4.1447,
24.0359

■ 157.4840, 2.7194,
14.4845

■ 168.8480, 0.5679,
4.5183

■ 179.7390, -0.8573,
-5.0331

■ 191.1030, -3.0088,
-14.9993

Harmonies

Analogous

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



99.6350, 30.7459, 31.8921



91.3060, 13.1601, 72.5226



87.6390, -8.6960, 82.7546

Triad

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



91.3060, 13.1601, 72.5226



87.9580, -43.3633, 1.7908



88.0590, 40.3969, -77.2277

Complementary

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



91.3060, 13.1601, 72.5226



126.6940, -13.1601, -72.5226

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.



84.4450, 21.4726, -74.0583



91.3060, 13.1601, 72.5226



74.5520, -24.4291, -51.3501

Square

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



91.3060, 13.1601, 72.5226



92.3090, -45.5083, 36.5630



78.0440, -0.5147, -68.4446



85.9850, 52.7584, -75.4088

Rectangle

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



91.3060, 13.1601, 72.5226



90.2190, -25.2510, 72.5989



78.0440, -0.5147, -68.4446



87.2780, 34.8659, -76.5428

Sweetspot

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



91.3060, 13.1601, 72.5226



195.1420, 4.8600, 27.9395



74.9660, 48.8238, 20.2008



95.9080, 3.0034, 16.7437



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



91.3060, 13.1601, 72.5226



97.2200, 20.5975, 113.8171



84.1240, -14.3581, 78.8213



81.2610, 0.8573, 5.0331



54.6540, 15.4536, 83.6184



8.3590, 2.2880, 12.8402

Inverse Universe

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



91.3060, 13.1601, 72.5226



97.2200, 20.5975, 113.8171



133.8760, 14.3581, -78.8213



81.2610, 0.8573, 5.0331



54.6540, 15.4536, 83.6184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 91.3060, 13.1601, 72.5226 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 × Fail

Black Background



This preview shows how the YUV color 91.3060, 13.1601, 72.5226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

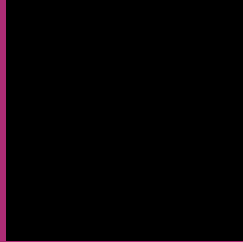
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.3060, 13.1601, 72.5226

Background



This preview shows how black text looks on a background with the YUV color 91.3060, 13.1601, 72.5226.



This preview shows how white text looks on a background with the YUV color 91.3060, 13.1601,

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

91.3060, 13.1601, 72.5226

Protanopia

97.6320, 28.2824, -18.0943

Deuteranopia

99.5040, 5.6675, 2.1890



Tritanopia

93.3460, -14.4676, 67.2256

Trichromacy



Original Color

91.3060, 13.1601, 72.5226

Protanomaly

95.4620, 22.9432, 14.5038

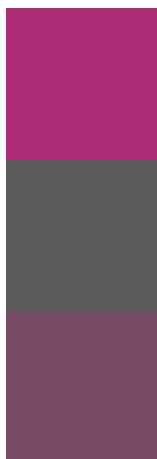
Deuteranomaly

96.4670, 8.6438, 27.6544

Tritanomaly

92.4030, -4.1427, 68.9296

Monochromacy



Original Color

91.3060, 13.1601, 72.5226

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1310, 4.8654, 26.1951

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3060, 13.1601, 72.5226 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(174, 44, 118)` looks like.

```
.text, #text, p{  
    color:rgb(174, 44, 118)  
}
```

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(174, 44, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 44, 118) }
```

Border

The CSS property to change the border of an element to YUV 91.3060, 13.1601, 72.5226 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(174, 44, 118) }
```


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

```
.border{ border-color:rgb(174, 44, 118) }
```

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

Here you see how a box with a 4 pixel rgb(174, 44, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 44, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 44, 118);  
box-shadow:4px 4px 4px 4px rgb(174, 44,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 91.3060, 13.1601, 72.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 44, 118) }
```

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

```
.background{ background-color: rgb(174, 44,  
118) }
```

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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