

Converting Colors

YUV(90.6750, 13.4712, 66.0600)

Have a look what the booklet for
YUV(90.6750, 13.4712, 66.0600)
contains.

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Color

**YUV(90.6750, 13.4712,
66.0600)**

Conversions

Conversions Part 1

Format	Color
Hex	A62F76
RGB	166, 47, 118
RGB Percent	65%, 18%, 46%
CMY	0.3490, 0.8157, 0.5373
CMYK	0.00, 0.72, 0.29, 0.35
HSL	324°, 56%, 42%
HSV	324°, 72%, 65%
XYZ	20.0124, 11.4480, 18.2945
YIQ	90.6750, 48.1330, 47.3090

Conversions

Conversions Part 2

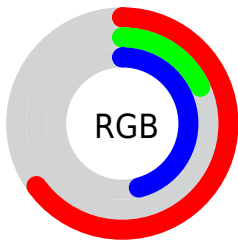
Format	Color
R_{YB}	166, 47, 118
Decimal	10891126
CIE _{Lab}	40.33, 54.68, -13.25
CIE _{LCh}	40, 56.259, 346.379
Yxy	11.4480, 0.4022, 0.2301
Android (android.graphics.Color)	4289081206 (0xFFA62F76)
YUV	90.6750, 13.4712, 66.0600
Hunter-Lab	33.8349, 46.3666, -8.3735

Details

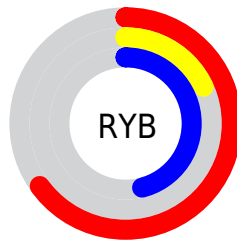
The YUV color **90.6750, 13.4712, 66.0600** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **122.3250, -13.4712, -66.0600**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8170, 11.4292, 67.6895**, and **40.8700, 14.3611, 60.6270** is the 20% darker color. If you saturate the color by 10%, you get **79.8980, 15.3333, 75.5115**, and if you desaturate by 10%, it is **101.4520, 11.6092, 56.6086**.

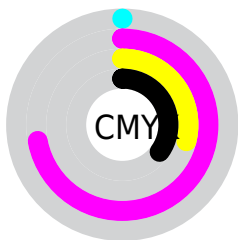
Distribution



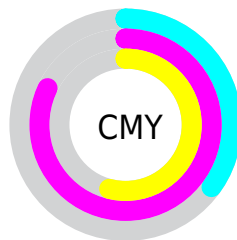
- Red (65%)
- Green (18%)
- Blue (46%)



- Red (65%)
- Yellow (18%)
- Blue (46%)



- Cyan (0%)
- Magenta (72%)
- Yellow (29%)
- Black (35%)





- Cyan (35%)
- Magenta (82%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.6750, 13.4712, 66.0600 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 90.6750, 13.4712, 66.0600 by changing the saturation by 10% instead.


 90.6750, 13.4712,
66.0600


 90.6750, 13.4712,
66.0600

255.0000, 0.0000,
0.0000

 57.1470, 17.6755,
70.9081

 146.8170, 11.4292,
67.6895


 40.8700, 14.3611,
60.6270


 174.7140, 10.9870,
69.5338


 30.1750, 8.2947,
46.3275

 194.7550, 15.4038,
52.8349

 20.4200, 3.2439,
32.9577

 214.3830, 19.5312,
35.6211

 7.8880, -3.3958,
15.8842

 231.5200, 11.5756,
20.5920

 0.0000, 0.0000,
0.0000

 248.5430, 3.1833,

5.6628

■ 90.6750, 13.4712,
66.0600

■ 90.6750, 13.4712,
66.0600

■ 79.8980, 15.3333,
75.5115

■ 101.4520, 11.6092,
56.6086

■ 69.8220, 17.3428,
84.3481

■ 111.5280, 9.5997,
47.7719

■ 60.9200, 18.7734,
92.1552

■ 122.3050, 7.7376,
38.3205

■ 132.4950, 6.1650,
29.3839

■ 143.1580, 3.8661,
20.0324

■ 153.9350, 2.0040,
10.5810

■ 164.1250, 0.4314,
1.6444

■ 174.9020, -1.4307,
-7.8071

■ 184.9780, -3.4402,
-16.6437

Harmonies

Analogous

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



97.4880, 30.3254, 26.7590



90.6750, 13.4712, 66.0600



86.6600, -7.2274, 78.3512

Triad

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



90.6750, 13.4712, 66.0600



86.7950, -42.7899, 4.5648



85.2720, 37.3339, -74.7835

Complementary

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



90.6750, 13.4712, 66.0600



122.3250, -13.4712, -66.0600

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.



81.7720, 18.8464, -71.7140



90.6750, 13.4712, 66.0600



76.4610, -26.3563, -39.8693

Square

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



90.6750, 13.4712, 66.0600



89.3630, -44.0560, 37.3926



75.1260, -1.5411, -65.8855



83.3120, 50.1322, -73.0646

Rectangle

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



90.6750, 13.4712, 66.0600



88.3050, -22.3354, 70.7695



75.1260, -1.5411, -65.8855



84.4910, 31.8029, -74.0986

Sweetspot

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



90.6750, 13.4712, 66.0600



186.6580, 5.5916, 26.6099



74.9180, 44.9034, 17.6119



91.6090, 3.1508, 16.1289



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



90.6750, 13.4712, 66.0600



98.6810, 21.3563, 103.7658



83.9490, -12.2999, 71.9587



78.9620, 1.0047, 4.4183



54.2840, 16.6220, 82.1889



7.3480, 2.2934, 11.0958

Inverse Universe

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



90.6750, 13.4712, 66.0600



98.6810, 21.3563, 103.7658



129.0510, 12.2999, -71.9587



78.9620, 1.0047, 4.4183



54.2840, 16.6220, 82.1889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 90.6750, 13.4712, 66.0600 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 90.6750, 13.4712, 66.0600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

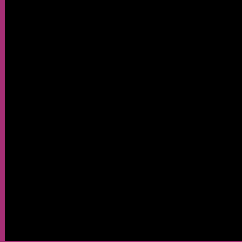
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6750, 13.4712, 66.0600

Background



This preview shows how black text looks on a background with the YUV color 90.6750, 13.4712, 66.0600.



This preview shows how white text looks on a background with the YUV color 90.6750, 13.4712,

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

90.6750, 13.4712, 66.0600

Protanopia

94.6320, 28.2824, -18.0943

Deuteranopia

97.2480, 7.2727, 0.6595



Tritanopia

92.3560, -12.9935, 61.0778

Trichromacy



Original Color

90.6750, 13.4712, 66.0600

Protanomaly

93.1520, 23.0961, 12.1447

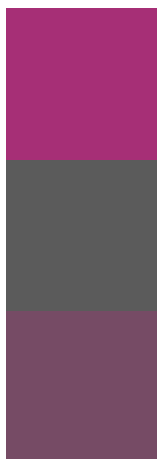
Deuteranomaly

94.9720, 9.3808, 24.5806

Tritanomaly

91.8860, -3.3948, 62.3670

Monochromacy



Original Color

90.6750, 13.4712, 66.0600

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8210, 5.0182, 23.8360

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6750, 13.4712, 66.0600 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(166, 47, 118)` looks like.

```
.text, #text, p{  
    color:rgb(166, 47, 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(166, 47, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 47, 118) }
```

Border

The CSS property to change the border of an element to YUV 90.6750, 13.4712, 66.0600 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(166, 47, 118) }
```


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

```
.border{ border-color:rgb(166, 47, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 47, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 47, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 47, 118);  
box-shadow:4px 4px 4px 4px rgb(166, 47,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 90.6750, 13.4712, 66.0600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 47, 118) }
```

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

```
.background{ background-color: rgb(166, 47,  
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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