

Converting Colors

YUV(66.0030, 12.8165, 89.4514)

Have a look what the booklet for
YUV(66.0030, 12.8165, 89.4514)
contains.

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Color

**YUV(66.0030, 12.8165,
89.4514)**

Conversions

Conversions Part 1

Format	Color
Hex	A8095C
RGB	168, 9, 92
RGB Percent	66%, 4%, 36%
CMY	0.3412, 0.9647, 0.6392
CMYK	0.00, 0.95, 0.45, 0.34
HSL	329°, 90%, 35%
HSV	329°, 95%, 66%
XYZ	18.1779, 9.2929, 10.9608
YIQ	66.0030, 68.1210, 59.5210

Conversions

Conversions Part 2

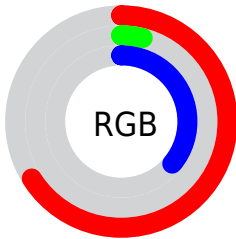
Format	Color
RYB	168, 9, 92
Decimal	11012444
CIELab	36.54, 61.60, -2.45
CIELCh	37, 61.648, 357.725
Yxy	9.2929, 0.4730, 0.2418
Android (android.graphics.Color)	4289202524 (0xFFA8095C)
YUV	66.0030, 12.8165, 89.4514
Hunter-Lab	30.4843, 53.0928, 0.0208

Details

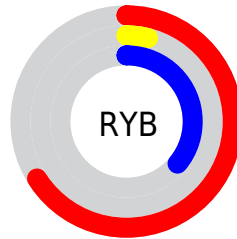
The YUV color **66.0030, 12.8165, 89.4514** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **110.9970, -12.8165, -89.4514**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4940, 4.6865, 83.7588**, and **38.1340, 3.8779, 63.0265** is the 20% darker color. If you saturate the color by 10%, you get **60.2640, 13.6738, 94.4845**, and if you desaturate by 10%, it is **76.8940, 11.3913, 79.9000**.

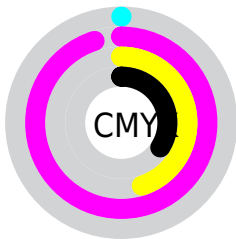
Distribution



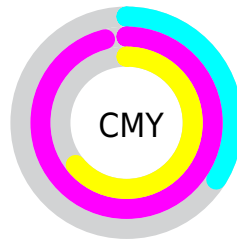
- Red (66%)
- Green (4%)
- Blue (36%)



- Red (66%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (95%)
- Yellow (45%)
- Black (34%)



- Cyan (34%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.0030, 12.8165, 89.4514 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 66.0030, 12.8165, 89.4514 by changing the saturation by 10% instead.

■ 66.0030, 12.8165,
89.4514

■ 66.0030, 12.8165,
89.4514

255.0000, 0.0000,
0.0000

■ 49.4270, 9.6495,
78.5555

■ 132.4940, 4.6865,
83.7588

■ 38.1340, 3.8779,
63.0265

■ 159.9670, 3.9603,
83.3439

■ 27.1830, -0.5832,
47.1975

■ 180.1820, 7.7983,
65.6154

■ 16.6730, -7.2338,
33.6128

■ 199.8100, 11.9257,
48.4016

■ 2.6910, -1.3267,
5.5330

■ 220.0250, 15.7637,
30.6731

■ 0.0000, 0.0000,
0.0000

■ 237.3900, 8.6817,

15.4440

■ 66.0030, 12.8165,
89.4514

■ 66.0030, 12.8165,
89.4514

■ 60.2640, 13.6738,
94.4845

■ 76.8940, 11.3913,
79.9000

■ 87.7850, 9.9660,
70.3486

■ 98.0890, 8.8301,
61.3119

■ 108.9800, 7.4049,
51.7605

■ 119.8710, 5.9796,
42.2091

■ 130.7620, 4.5543,
32.6577

■ 141.6530, 3.1291,
23.1063

■ 151.9570, 1.9932,
14.0697

■ 162.8480, 0.5679,
4.5183

Harmonies

Analogous

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



83.6480, 27.7815, 49.4207



66.0030, 12.8165, 89.4514



71.8580, -14.2270, 83.4395

Triad

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



66.0030, 12.8165, 89.4514



74.2920, -36.6260, -12.5341



80.4280, 44.1590, -70.5354

Complementary

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



66.0030, 12.8165, 89.4514



110.9970, -12.8165, -89.4514

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.



77.7430, 26.2557, -68.1806



66.0030, 12.8165, 89.4514



63.5390, -18.0137, -55.7237

Square

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



66.0030, 12.8165, 89.4514



81.3120, -40.0868, 24.2824



71.4560, 4.7052, -62.6669



76.3820, 54.0417, -66.9870

Rectangle

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



66.0030, 12.8165, 89.4514



76.8950, -33.9652, 67.6211



71.4560, 4.7052, -62.6669



79.7610, 39.0648, -69.9504

Sweetspot

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



66.0030, 12.8165, 89.4514



179.8870, 4.9857, 34.3021



49.2520, 58.5428, 29.5970



85.6420, 3.1345, 21.3620



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.



66.0030, 12.8165, 89.4514



78.4770, 17.5128, 123.2387



57.1110, -21.2537, 97.2497



78.8480, 0.5679, 4.5183



53.0300, 11.8172, 83.2887



7.2340, 1.8566, 11.1958

Inverse Universe

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



66.0030, 12.8165, 89.4514



78.4770, 17.5128, 123.2387



119.8890, 21.2537, -97.2497



78.8480, 0.5679, 4.5183



53.0300, 11.8172, 83.2887



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 66.0030, 12.8165, 89.4514 looks on a white background.

Color Contrast Check

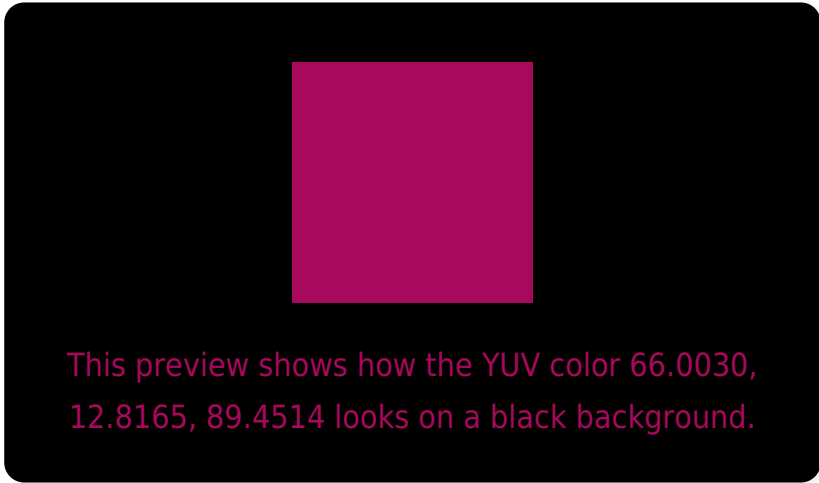
Large Text (above 18pt) WCAG AA ✓ Pass

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

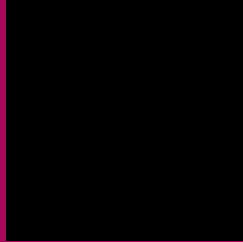
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.0030, 12.8165, 89.4514

Background



This preview shows how black text looks on a background with the YUV color 66.0030, 12.8165, 89.4514.



This preview shows how white text looks on a background with the YUV color 66.0030, 12.8165,

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

66.0030, 12.8165, 89.4514

Protanopia

87.9440, 21.7196, -13.1059

Deuteranopia

88.8870, -1.9163, 7.9921



Tritanopia

75.3860, -18.4313, 78.5915

Trichromacy



Original Color

66.0030, 12.8165, 89.4514

Protanomaly

80.2630, 18.1113, 24.3253

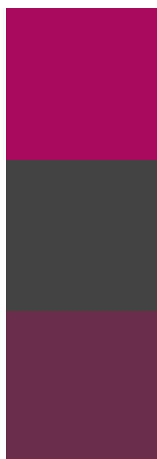
Deuteranomaly

80.2680, 3.8119, 37.4760

Tritanomaly

72.0950, -6.9488, 82.3547

Monochromacy



Original Color

66.0030, 12.8165, 89.4514

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7620, 4.5543, 32.6577

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.0030, 12.8165, 89.4514 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(168, 9, 92)` looks like.

```
.text, #text, p{  
    color:rgb(168, 9, 92)  
}
```

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(168, 9, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 9, 92) }
```

Border

The CSS property to change the border of an element to YUV 66.0030, 12.8165, 89.4514 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(168, 9, 92) }
```


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

```
.border{ border-color:rgb(168, 9, 92) }
```

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

Here you see how a box with a 4 pixel rgb(168, 9, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 9, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 9, 92);  
box-shadow:4px 4px 4px 4px rgb(168, 9, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.0030, 12.8165, 89.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 9, 92) }
```

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

```
.background{ background-color: rgb(168, 9,  
92) }
```

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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