

Converting Colors

YUV(113.6090, 26.8148,
32.7919)

Have a look what the booklet for
YUV(113.6090, 26.8148, 32.7919)
contains.

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Color

**YUV(113.6090, 26.8148,
32.7919)**

Conversions

Conversions Part 1

Format	Color
Hex	9754A8
RGB	151, 84, 168
RGB Percent	59%, 33%, 66%
CMY	0.4078, 0.6706, 0.3412
CMYK	0.10, 0.50, 0.00, 0.34
HSL	288°, 33%, 49%
HSV	288°, 50%, 66%
XYZ	23.0007, 15.7471, 38.8730
YIQ	113.6090, 12.9680, 40.3280

Conversions

Conversions Part 2

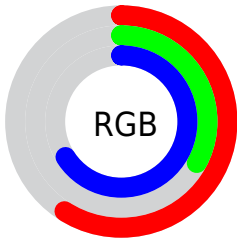
Format	Color
R_{YB}	151, 84, 168
Decimal	9917608
CIE _{Lab}	46.64, 41.58, -33.88
CIE _{LCh}	47, 53.633, 320.824
Yxy	15.7471, 0.2963, 0.2029
Android (android.graphics.Color)	4288107688 (0xFF9754A8)
YUV	113.6090, 26.8148, 32.7919
Hunter-Lab	39.6826, 34.0169, -30.3025

Details

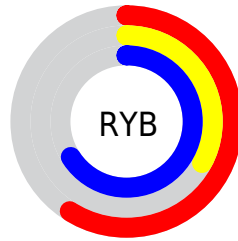
The YUV color **113.6090, 26.8148, 32.7919** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **138.3910, -26.8148, -32.7919**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2610, 27.9723, 34.8511**, and **62.3700, 25.9466, 31.2475** is the 20% darker color. If you saturate the color by 10%, you get **102.7330, 32.1766, 39.6992**, and if you desaturate by 10%, it is **124.4850, 21.4529, 25.8847**.

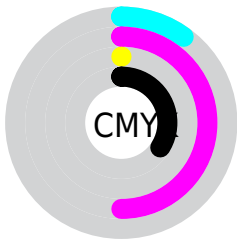
Distribution



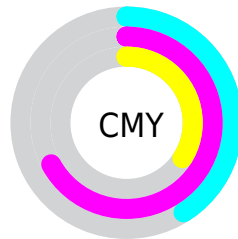
- Red (59%)
- Green (33%)
- Blue (66%)



- Red (59%)
- Yellow (33%)
- Blue (66%)



- Cyan (10%)
- Magenta (50%)
- Yellow (0%)
- Black (34%)



- Cyan (41%)
- Magenta (67%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6090, 26.8148, 32.7919 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 113.6090, 26.8148, 32.7919 by changing the saturation by 10% instead.

■ 113.6090, 26.8148,
32.7919

■ 113.6090, 26.8148,
32.7919

■ 255.0000, 0.0000,
0.0000

■ 87.7830, 26.2360,
31.7623

■ 167.2610, 27.9723,
34.8511

■ 62.3700, 25.9466,
31.2475

■ 194.9730, 28.1143,
35.9807

■ 34.2500, 27.9778,
33.1067

■ 216.8450, 18.8104,
33.4619

■ 21.6910, 22.3373,
22.1960

■ 233.8680, 10.4181,
18.5328

■ 12.4910, 15.5339,
10.9704

■ 250.3040, 2.3151,
4.1184

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 113.6090, 26.8148,
32.7919

■ 113.6090, 26.8148,
32.7919

■ 102.7330, 32.1766,
39.6992

■ 124.4850, 21.4529,
25.8847

■ 91.5580, 37.6859,
45.9916

■ 135.6600, 15.9436,
19.5922

■ 81.2690, 42.7584,
52.3841

■ 145.9490, 10.8711,
13.1997

■ 70.0940, 48.2677,
58.6766

■ 157.1240, 5.3619,
6.9073

■ 59.2180, 53.6295,
65.5838

■ 168.0000, 0.0000,
0.0000

■ 178.8760, -5.3619,
-6.9073

■ 190.0510,
-10.8711, -13.1997

■ 200.3400,
-15.9436, -19.5922

■ 211.5150,
-21.4529, -25.8847

Harmonies

Analogous

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



107.7960, 42.9916, -22.6231



113.6090, 26.8148, 32.7919



108.7090, 8.5245, 66.0302

Triad

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



113.6090, 26.8148, 32.7919



104.4460, -50.0129, 34.6889



92.9710, 23.6783, -81.5356

Complementary

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



113.6090, 26.8148, 32.7919



138.3910, -26.8148, -32.7919

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.



87.7270, 3.5856, -76.9366



113.6090, 26.8148, 32.7919



100.6760, -45.6893, 1.1611

Square

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



113.6090, 26.8148, 32.7919



106.8940, -32.4857, 59.7290



92.5190, -20.9619, -43.4282



95.6560, 41.5816, -83.8903

Rectangle

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



113.6090, 26.8148, 32.7919



106.2080, -5.0325, 74.3626



92.5190, -20.9619, -43.4282



91.8480, 16.8369, -80.5507

Sweetspot

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



113.6090, 26.8148, 32.7919



197.8350, 10.4343, 13.2997



104.1420, 31.4820, -17.6645



97.0640, 6.3774, 7.8369



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.



113.6090, 26.8148, 32.7919



134.3290, 41.7428, 51.4545



115.9560, 13.8257, 45.6426



78.7060, 2.6099, 2.8888



52.1540, 47.2521, 57.7469



7.0640, 6.3774, 7.8369

Inverse Universe

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



111.0540, -4.9566, 49.9416



130.1330, -7.9536, 77.9364



136.0440, -13.8257, -45.6426



78.5060, -0.7425, 4.8182



47.6720, -8.7123, 87.9877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 113.6090, 26.8148, 32.7919 looks on a white background.

Color Contrast Check

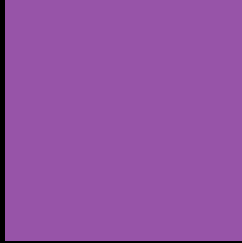
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.6090, 26.8148, 32.7919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

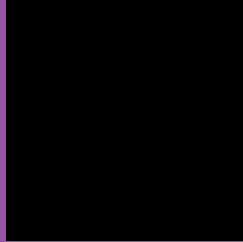
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.6090, 26.8148, 32.7919

Background



This preview shows how black text looks on a background with the YUV color 113.6090, 26.8148, 32.7919.



This preview shows how white text looks on a background with the YUV color 113.6090, 26.8148,

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

113.6090, 26.8148, 32.7919

Protanopia

107.7800, 40.5345, -27.8711

Deuteranopia

109.7630, 26.2458, -18.2092



Tritanopia

112.6550, -3.2809, 25.7356

Trichromacy



Original Color

113.6090, 26.8148, 32.7919

Protanomaly

109.6580, 35.6646, -5.8391

Deuteranomaly

111.5850, 26.3336, 0.3640

Tritanomaly

113.2390, 7.7702, 27.8544

Monochromacy



Original Color

113.6090, 26.8148, 32.7919

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6090, 26.8148, 32.7919 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(151, 84, 168)` looks like.

```
.text, #text, p{  
    color:rgb(151, 84, 168)  
}
```

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(151, 84, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 84, 168) }
```

Border

The CSS property to change the border of an element to YUV 113.6090, 26.8148, 32.7919 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(151, 84, 168) }
```


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

```
.border{ border-color:rgb(151, 84, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 84, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 84, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 84, 168);  
box-shadow:4px 4px 4px 4px rgb(151, 84,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 113.6090, 26.8148, 32.7919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 84, 168) }
```

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

```
.background{ background-color: rgb(151, 84,  
168) }
```

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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