

Converting Colors

YUV(113.7760, 13.4214,
35.2764)

Have a look what the booklet for
YUV(113.7760, 13.4214, 35.2764)
contains.

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Color

**YUV(113.7760, 13.4214,
35.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	9A588D
RGB	154, 88, 141
RGB Percent	60%, 35%, 55%
CMY	0.3961, 0.6549, 0.4471
CMYK	0.00, 0.43, 0.08, 0.40
HSL	312°, 27%, 47%
HSV	312°, 43%, 60%
XYZ	21.6239, 15.7726, 27.1040
YIQ	113.7760, 22.3230, 30.4750

Conversions

Conversions Part 2

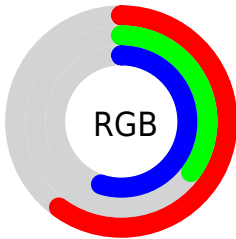
Format	Color
R_{YB}	154, 88, 141
Decimal	10115213
CIE _{Lab}	46.67, 35.09, -17.75
CIE _{LCh}	47, 39.321, 333.163
Yxy	15.7726, 0.3353, 0.2445
Android (android.graphics.Color)	4288305293 (0xFF9A588D)
YUV	113.7760, 13.4214, 35.2764
Hunter-Lab	39.7147, 27.6891, -12.6633

Details

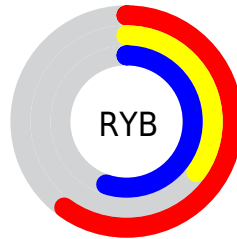
The YUV color **113.7760, 13.4214, 35.2764** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **128.2240, -13.4214, -35.2764**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.2000, 13.7054, 37.5356**, and **63.4660, 13.5743, 32.9173** is the 20% darker color. If you saturate the color by 10%, you get **104.6290, 16.4519, 43.2984**, and if you desaturate by 10%, it is **122.9230, 10.3910, 27.2545**.

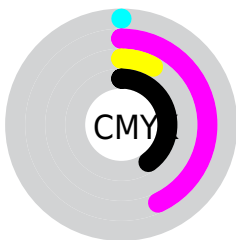
Distribution



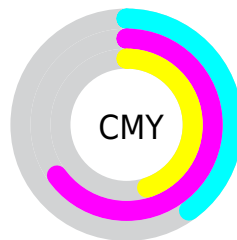
- Red (60%)
- Green (35%)
- Blue (55%)



- Red (60%)
- Yellow (35%)
- Blue (55%)



- Cyan (0%)
- Magenta (43%)
- Yellow (8%)
- Black (40%)



- Cyan (40%)
- Magenta (65%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7760, 13.4214, 35.2764 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 113.7760, 13.4214, 35.2764 by changing the saturation by 10% instead.

■ 113.7760, 13.4214,
35.2764

■ 113.7760, 13.4214,
35.2764

■ 255.0000, 0.0000,
0.0000

■ 88.0640, 13.2794,
34.1469

■ 167.2000, 13.7054,
37.5356

■ 63.4660, 13.5743,
32.9173

■ 194.0260, 14.2842,
38.5652

■ 37.9930, 14.3005,
33.3321

■ 218.7370, 15.9057,
31.8027

■ 20.6780, 11.9907,
27.4694

■ 235.6290, 9.5499,
16.9884

■ 11.4070, 6.2083,
15.4291

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

■ 113.7760, 13.4214,
35.2764

■ 113.7760, 13.4214,
35.2764

■ 104.6290, 16.4519,
43.2984

■ 122.9230, 10.3910,
27.2545

■ 94.8950, 19.7718,
51.8351

■ 132.6570, 7.0711,
18.7178

■ 85.7480, 22.8022,
59.8570

■ 141.8040, 4.0406,
10.6959

■ 76.0140, 26.1221,
68.3937

■ 151.5380, 0.7208,
2.1592

■ 66.8670, 29.1526,
76.4156

■ 160.6850, -2.3097,
-5.8627

■ 60.1820, 31.4623,
82.2784

■ 169.8320, -5.3402,
-13.8847

■ 179.5660, -8.6600,
-22.4214

■ 188.7130,

-11.6905, -30.4433

 198.4470,
-15.0104, -38.9800

Harmonies

Analogous

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



113.1940, 26.0334, 3.3379



113.7760, 13.4214, 35.2764



111.5750, -1.7625, 52.1157

Triad

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



113.7760, 13.4214, 35.2764



107.0320, -32.0608, 16.6349



90.6060, 27.3092, -79.4615

Complementary

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



113.7760, 13.4214, 35.2764



128.2240, -13.4214, -35.2764

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.



87.4310, 12.6055, -76.6770



113.7760, 13.4214, 35.2764



103.4030, -24.8487, -10.0004

Square

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



113.7760, 13.4214, 35.2764



109.2010, -28.2001, 38.4117



96.2490, -8.0108, -44.0684



90.8800, 38.5132, -79.7018

Rectangle

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



113.7760, 13.4214, 35.2764



110.6540, -11.6614, 53.8004



96.2490, -8.0108, -44.0684



90.0530, 22.6519, -78.9765

Sweetspot

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



113.7760, 13.4214, 35.2764



185.1680, 5.3402, 13.8847



99.1120, 27.0598, 0.7788



92.2660, 3.3199, 8.5367



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



113.7760, 13.4214, 35.2764



138.8460, 20.7819, 54.5091



110.1280, -0.5561, 38.4757



72.0760, 1.4415, 4.3183



54.7420, 28.7212, 74.7713



5.0270, 2.4517, 6.9923

Inverse Universe

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



113.7760, 13.4214, 35.2764



138.8460, 20.7819, 54.5091



131.8720, 0.5561, -38.4757



72.0760, 1.4415, 4.3183



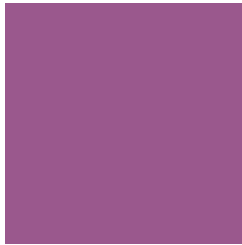
54.7420, 28.7212, 74.7713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 113.7760, 13.4214, 35.2764 looks on a white background.

Color Contrast Check

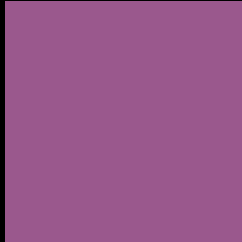
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7760, 13.4214, 35.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

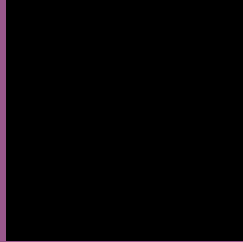
Any Text WCAG AA × Fail

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 113.7760, 13.4214, 35.2764 Background



This preview shows how black text looks on a background with the YUV color 113.7760, 13.4214, 35.2764.



This preview shows how white text looks on a background with the YUV color 113.7760, 13.4214,

35.2764.

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

113.7760, 13.4214, 35.2764

Protanopia

110.5850, 22.8826, -12.7910

Deuteranopia

112.1920, 12.2303, -2.7994



Tritanopia

112.9440, -4.9024, 32.4981

Trichromacy



Original Color

113.7760, 13.4214, 35.2764

Protanomaly

111.4840, 19.4814, 4.8375

Deuteranomaly

112.3940, 12.6238, 11.0555

Tritanomaly

113.0780, 1.9335, 33.2576

Monochromacy



Original Color

113.7760, 13.4214, 35.2764

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3420, 4.7614, 12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7760, 13.4214, 35.2764 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(154, 88, 141)` looks like.

```
.text, #text, p{  
    color:rgb(154, 88, 141)  
}
```

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(154, 88, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 88, 141) }
```

Border

The CSS property to change the border of an element to YUV 113.7760, 13.4214, 35.2764 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(154, 88, 141) }
```


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

```
.border{ border-color:rgb(154, 88, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 88, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 88, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 88, 141);  
box-shadow:4px 4px 4px 4px rgb(154, 88,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 113.7760, 13.4214, 35.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 88, 141) }
```

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

```
.background{ background-color: rgb(154, 88,  
141) }
```

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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