

Converting Colors

YUV(146.9100, 20.2574,
36.0359)

Have a look what the booklet for
YUV(146.9100, 20.2574, 36.0359)
contains.

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Color

**YUV(146.9100, 20.2574,
36.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	BC76BC
RGB	188, 118, 188
RGB Percent	74%, 46%, 74%
CMY	0.2627, 0.5373, 0.2627
CMYK	0.00, 0.37, 0.00, 0.26
HSL	300°, 34%, 60%
HSV	300°, 37%, 74%
XYZ	36.2946, 27.2791, 50.9294
YIQ	146.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

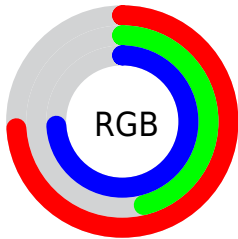
Format	Color
R _{YB}	188, 118, 188
Decimal	12351164
CIE _{Lab}	59.23, 38.47, -25.54
CIE _{LCh}	59, 46.179, 326.421
Yxy	27.2791, 0.3170, 0.2382
Android (android.graphics.Color)	4290541244 (0xFFBC76BC)
YUV	146.9100, 20.2574, 36.0359
Hunter-Lab	52.2294, 32.6396, -21.2537

Details

The YUV color **146.9100, 20.2574, 36.0359** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.0900, -20.2574, -36.0359**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4480, 20.9781, 38.1951**, and **94.3720, 19.5366, 33.8768** is the 20% darker color. If you saturate the color by 10%, you get **135.7570, 25.7558, 45.8171**, and if you desaturate by 10%, it is **158.0630, 14.7589, 26.2547**.

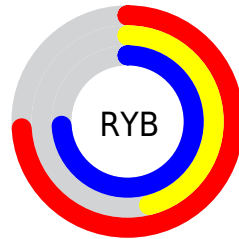
Distribution



Red (74%)

Green (46%)

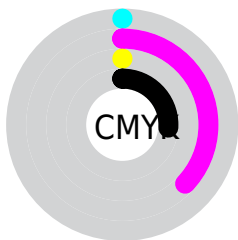
Blue (74%)



Red (74%)

Yellow (46%)

Blue (74%)

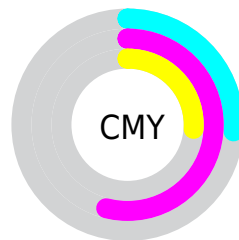


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (54%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9100, 20.2574, 36.0359 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 146.9100, 20.2574, 36.0359 by changing the saturation by 10% instead.


 146.9100, 20.2574,
36.0359


 146.9100, 20.2574,
36.0359


255.0000, 0.0000,
0.0000


 120.1980, 20.1154,
34.9064


 201.4480, 20.9781,
38.1951


 94.3720, 19.5366,
33.8768


 222.1280, 16.2059,
28.8287

 69.6600, 19.3946,
32.7472

 239.1510, 7.8136,
13.8996

 43.1870, 20.1208,
33.1620

 23.9970, 18.2425,
28.9436

 15.5090, 11.5811,
18.8476

 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 146.9100, 20.2574,
36.0359

■ 146.9100, 20.2574,
36.0359

■ 135.7570, 25.7558,
45.8171

■ 158.0630, 14.7589,
26.2547

■ 124.6040, 31.2542,
55.5983

■ 169.2160, 9.2605,
16.4736

■ 114.0380, 36.4633,
64.8647

■ 179.7820, 4.0515,
7.2072

■ 102.8850, 41.9617,
74.6459

■ 190.9350, -1.4470,
-2.5740

■ 91.7320, 47.4601,
84.4270

■ 202.0880, -6.9454,
-12.3552

80.5790, 52.9586,
94.2082

213.2410,
-12.4438, -22.1364

77.6440, 54.4055,
96.7822

224.3940,
-17.9422, -31.9175

227.3290,
-19.3892, -34.4915

Harmonies

Analogous

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



144.1310, 34.9384, -6.2539



146.9100, 20.2574, 36.0359



144.3680, 2.2836, 61.0673

Triad

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



146.9100, 20.2574, 36.0359



139.1490, -39.5135, 27.0563



115.8590, 30.1425, -101.6083

Complementary

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



146.9100, 20.2574, 36.0359



159.0900, -20.2574, -36.0359

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.



111.1850, 12.2338, -97.5092



146.9100, 20.2574, 36.0359



135.1450, -33.5955, -4.5122

Square

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



146.9100, 20.2574, 36.0359



141.5510, -32.3166, 52.1368



127.8980, -15.7257, -42.8835



116.5720, 45.5670, -102.2336

Rectangle

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



146.9100, 20.2574, 36.0359



143.3720, -10.5364, 66.3258



127.8980, -15.7257, -42.8835



114.3770, 24.4641, -100.3086

Sweetspot

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



146.9100, 20.2574, 36.0359



229.1510, 7.8136, 13.8996



125.9800, 30.5759, -6.9985



112.6080, 4.6303, 8.2368



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



146.9100, 20.2574, 36.0359



180.4300, 31.8330, 56.6279



142.9200, 4.9694, 39.5352



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



146.9100, 20.2574, 36.0359



180.4300, 31.8330, 56.6279



163.0800, -4.9694, -39.5352



88.7170, 2.6045, 4.6332



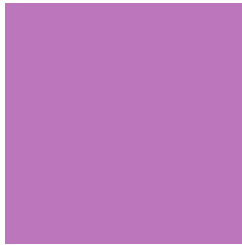
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 146.9100, 20.2574, 36.0359 looks on a white background.

Color Contrast Check

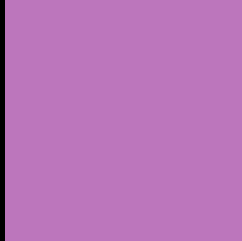
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 146.9100, 20.2574, 36.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

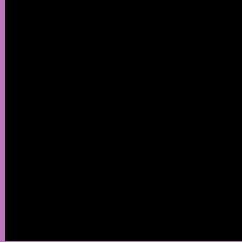
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.9100, 20.2574, 36.0359

Background



This preview shows how black text looks on a background with the YUV color 146.9100, 20.2574, 36.0359.



This preview shows how white text looks on a background with the YUV color 146.9100, 20.2574,

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

146.9100, 20.2574, 36.0359

Protanopia

142.7290, 31.1926, -18.1793

Deuteranopia

143.5210, 19.9561, -7.4729



Tritanopia

144.9870, -3.4446, 31.5834

Trichromacy



Original Color

146.9100, 20.2574, 36.0359



Protanomaly

144.4110, 26.9124, 1.3936



Deuteranomaly

144.6200, 19.9073, 8.2263



Tritanomaly

145.5880, 5.1331, 33.6873

Monochromacy



Original Color

146.9100, 20.2574, 36.0359



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.7380, 7.5242, 13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9100, 20.2574, 36.0359 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(188, 118, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 118, 188)  
}
```

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(188, 118, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 118, 188) }
```

Border

The CSS property to change the border of an element to YUV 146.9100, 20.2574, 36.0359 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(188, 118, 188) }
```


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

```
.border{ border-color:rgb(188, 118, 188) }
```

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

Here you see how a box with a 4 pixel rgb(188, 118, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 118, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 118, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 118,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 146.9100, 20.2574, 36.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 118, 188) }
```

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

```
.background{ background-color: rgb(188,  
118, 188) }
```

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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