

Converting Colors

YUV(144.0450, 22.1628,
31.5325)

Have a look what the booklet for
YUV(144.0450, 22.1628, 31.5325)
contains.

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Color

**YUV(144.0450, 22.1628,
31.5325)**

Conversions

Conversions Part 1

Format	Color
Hex	B475BD
RGB	180, 117, 189
RGB Percent	71%, 46%, 74%
CMY	0.2941, 0.5412, 0.2588
CMYK	0.05, 0.38, 0.00, 0.26
HSL	292°, 35%, 60%
HSV	292°, 38%, 74%
XYZ	34.3690, 26.1000, 51.3705
YIQ	144.0450, 14.4360, 35.7480

Conversions

Conversions Part 2

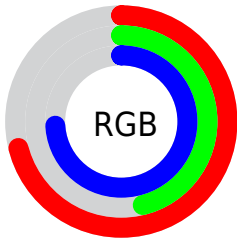
Format	Color
RYB	180, 117, 189
Decimal	11826621
CIELab	58.13, 36.68, -27.88
CIELCh	58, 46.077, 322.759
Yxy	26.1000, 0.3073, 0.2334
Android (android.graphics.Color)	4290016701 (0xFFB475BD)
YUV	144.0450, 22.1628, 31.5325
Hunter-Lab	51.0882, 30.6796, -23.8559

Details

The YUV color **144.0450, 22.1628, 31.5325** is a light color, and the websafe version is hex **996699**. A complement of this color would be **161.9550, -22.1628, -31.5325**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5830, 22.8836, 33.6917**, and **92.3930, 21.0053, 29.4733** is the 20% darker color. If you saturate the color by 10%, you get **132.2940, 27.9561, 40.0842**, and if you desaturate by 10%, it is **155.7960, 16.3696, 22.9809**.

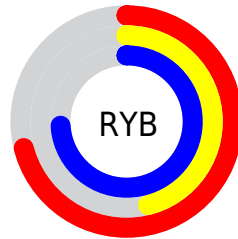
Distribution



Red (71%)

Green (46%)

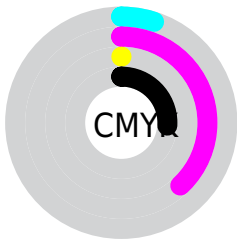
Blue (74%)



Red (71%)

Yellow (46%)

Blue (74%)

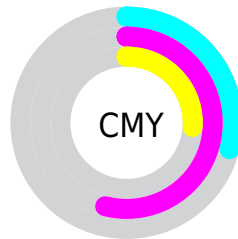


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (26%)



Cyan (29%)


Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.0450, 22.1628, 31.5325 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 144.0450, 22.1628, 31.5325 by changing the saturation by 10% instead.


 144.0450, 22.1628,
31.5325


 144.0450, 22.1628,
31.5325


255.0000, 0.0000,
0.0000

 118.2190, 21.5840,
30.5029


 198.5830, 22.8836,
33.6917


 92.3930, 21.0053,
29.4733


 221.5410, 16.4953,
29.3435

 67.0940, 21.1527,
28.8586

 237.9770, 8.3923,
14.9292

 42.0940, 21.1527,
28.8586

 22.0180, 19.7111,
24.5402

 13.5300, 13.0497,
14.4442

 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 144.0450, 22.1628,
31.5325

■ 144.0450, 22.1628,
31.5325

■ 132.2940, 27.9561,
40.0842

■ 155.7960, 16.3696,
22.9809

■ 120.2440, 33.8967,
48.0210

■ 167.8460, 10.4289,
15.0441

■ 108.4930, 39.6900,
56.5726

■ 179.5970, 4.6357,
6.4924

■ 96.7420, 45.4832,
65.1243

■ 191.3480, -1.1576,
-2.0592

■ 84.6920, 51.4238,
73.0611

■ 203.3980, -7.0982,
-9.9960

■ 73.5280, 56.9277,
81.0979

■ 214.5620,
-12.6021, -18.0329

■ 70.8810, 58.2327,
82.5424

■ 226.6120,
-18.5427, -25.9697

■ 230.7320,
-20.5739, -27.8290

■ 231.3300,
-20.8687, -26.5994

Harmonies

Analogous

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



140.1410, 36.4125, -12.4017



144.0450, 22.1628, 31.5325



141.9270, 4.4730, 58.8230

Triad

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



144.0450, 22.1628, 31.5325



136.2850, -39.0875, 30.4451



113.3000, 27.9531, -99.3641

Complementary

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



144.0450, 22.1628, 31.5325



161.9550, -22.1628, -31.5325

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.



107.9250, 9.8970, -94.6502



144.0450, 22.1628, 31.5325



133.1240, -35.0641, -0.1087

Square

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



144.0450, 22.1628, 31.5325



138.4310, -30.2855, 53.9960



126.2470, -18.3628, -37.0506



114.7140, 43.5250, -100.6042

Rectangle

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



144.0450, 22.1628, 31.5325



140.0560, -7.9156, 65.7259



126.2470, -18.3628, -37.0506



111.7040, 21.8379, -97.9644

Sweetspot

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



144.0450, 22.1628, 31.5325



227.9550, 8.4032, 11.4405



131.0780, 28.5555, -12.3464



112.0100, 4.9251, 7.0072



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.



144.0450, 22.1628, 31.5325



174.4830, 34.7649, 49.5654



143.7720, 9.4794, 39.6650



88.4180, 2.7519, 4.0184



59.2740, 48.6719, 69.0427



11.6070, 9.5607, 13.4997

Inverse Universe

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



139.5540, -6.6821, 43.3641



167.3830, -10.5418, 68.0701



162.2280, -9.4794, -39.6650



87.8050, -0.8899, 5.4330



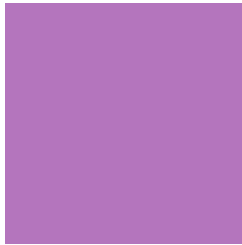
49.5220, -14.5543, 95.1352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 144.0450, 22.1628, 31.5325 looks on a white background.

Color Contrast Check

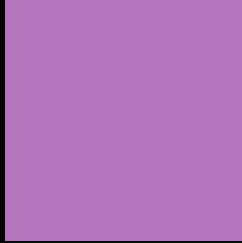
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0450, 22.1628, 31.5325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

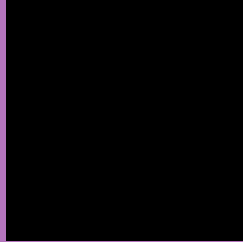
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.0450, 22.1628, 31.5325

Background



This preview shows how black text looks on a background with the YUV color 144.0450, 22.1628, 31.5325.



This preview shows how white text looks on a background with the YUV color 144.0450, 22.1628, 31.5325.

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

144.0450, 22.1628, 31.5325

Protanopia

139.6580, 32.2136, -18.9941

Deuteranopia

140.6670, 21.8562, -10.2320



Tritanopia

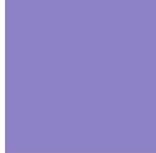
142.5950, -2.2653, 26.6652

Trichromacy



Original Color

144.0450, 22.1628, 31.5325



Protanomaly

141.1550, 28.5176, -0.1359



Deuteranomaly

141.7660, 21.8074, 5.4672



Tritanomaly

143.3100, 6.7492, 28.6691

Monochromacy



Original Color

144.0450, 22.1628, 31.5325



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.8410, 7.9664, 11.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0450, 22.1628, 31.5325 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(180, 117, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 117, 189)  
}
```

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(180, 117, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 117, 189) }
```

Border

The CSS property to change the border of an element to YUV 144.0450, 22.1628, 31.5325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

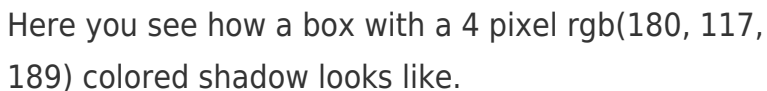
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 117, 189) }
```


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

```
.border{ border-color:rgb(180, 117, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 117, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 117, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 117, 189);  
box-shadow:4px 4px 4px 4px rgb(180, 117,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 144.0450, 22.1628, 31.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 117, 189) }
```

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

```
.background{ background-color: rgb(180,  
117, 189) }
```

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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