

Converting Colors

YUV(131.2260, 17.6366,
36.6358)

Have a look what the booklet for
YUV(131.2260, 17.6366, 36.6358)
contains.

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Color

**YUV(131.2260, 17.6366,
36.6358)**

Conversions

Conversions Part 1

Format	Color
Hex	AD67A7
RGB	173, 103, 167
RGB Percent	68%, 40%, 65%
CMY	0.3216, 0.5961, 0.3451
CMYK	0.00, 0.40, 0.03, 0.32
HSL	305°, 30%, 54%
HSV	305°, 40%, 68%
XYZ	29.0589, 21.3748, 39.1534
YIQ	131.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

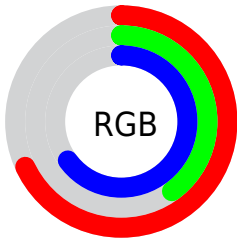
Format	Color
R_{YB}	173, 103, 167
Decimal	11364263
CIE _{Lab}	53.36, 37.88, -22.64
CIE _{LCh}	53, 44.131, 329.134
Yxy	21.3748, 0.3244, 0.2386
Android (android.graphics.Color)	4289554343 (0xFFAD67A7)
YUV	131.2260, 17.6366, 36.6358
Hunter-Lab	46.2328, 31.2857, -17.8482

Details

The YUV color **131.2260, 17.6366, 36.6358** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.7740, -17.6366, -36.6358**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.6500, 17.9206, 38.8950**, and **79.8020, 17.3526, 34.3766** is the 20% darker color. If you saturate the color by 10%, you get **121.1330, 22.1194, 45.4874**, and if you desaturate by 10%, it is **141.3190, 13.1537, 27.7842**.

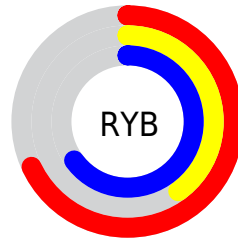
Distribution



Red (68%)

Green (40%)

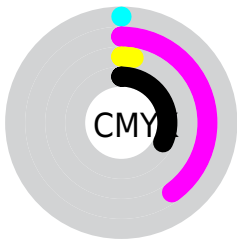
Blue (65%)



Red (68%)

Yellow (40%)

Blue (65%)

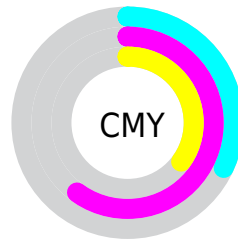


Cyan (0%)

Magenta (40%)

Yellow (3%)

Black (32%)



Cyan (32%)


Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2260, 17.6366, 36.6358 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 131.2260, 17.6366, 36.6358 by changing the saturation by 10% instead.


 131.2260, 17.6366,
36.6358


 131.2260, 17.6366,
36.6358


255.0000, 0.0000,
0.0000


 105.4000, 17.0578,
35.6062


 185.6500, 17.9206,
38.8950


 79.8020, 17.3526,
34.3766


 212.2800, 19.0890,
37.4654


 54.5030, 17.5000,
33.7619

 229.1720, 12.7332,
22.6512

 27.8560, 18.8050,
35.2063

 246.1950, 4.3409,
7.7220

 18.4710, 12.5858,
23.2659

 5.9110, 8.4249,
4.4631

 0.0000, 0.0000,

0.0000

■ 131.2260, 17.6366,
36.6358

■ 131.2260, 17.6366,
36.6358

■ 121.1330, 22.1194,
45.4874

■ 141.3190, 13.1537,
27.7842

■ 110.3390, 26.4549,
54.9537

■ 152.1130, 8.8183,
18.3179

■ 100.2460, 30.9377,
63.8053

■ 162.2060, 4.3354,
9.4663

■ 90.0390, 34.9838,
72.7568

■ 172.4130, 0.2894,
0.5148

■ 79.3590, 39.7560,
82.1232

■ 183.0930, -4.4828,
-8.8516

■ 69.7390, 43.5127,
90.5599

■ 193.3000, -8.5289,
-17.8031

■ 203.3930,
-13.0117, -26.6547

■ 213.6000,
-17.0578, -35.6062

■ 221.9320,
-20.6725, -42.9134

Harmonies

Analogous

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



129.3550, 31.8700, -2.0653



131.2260, 17.6366, 36.6358



128.8900, 0.5472, 57.9785

Triad

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



131.2260, 17.6366, 36.6358



123.6970, -37.3186, 23.0677



104.2840, 28.9470, -91.4571

Complementary

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



131.2260, 17.6366, 36.6358



144.7740, -17.6366, -36.6358

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.



99.9520, 12.3487, -87.6579



131.2260, 17.6366, 36.6358



119.9320, -30.5325, -6.9564

Square

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



131.2260, 17.6366, 36.6358



126.1590, -31.1374, 47.2186



112.3970, -12.5207, -44.1982



104.6550, 43.0611, -91.7824

Rectangle

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



131.2260, 17.6366, 36.6358



127.5240, -11.1043, 61.8075



112.3970, -12.5207, -44.1982



102.9160, 23.7054, -90.2573

Sweetspot

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



131.2260, 17.6366, 36.6358



207.9230, 6.9400, 14.0995



112.7740, 29.6914, -3.3098



102.4940, 4.1935, 8.3368



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



131.2260, 17.6366, 36.6358



158.4040, 27.9018, 57.5277



127.2360, 2.3487, 40.1350



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Inverse Universe

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



131.2260, 17.6366, 36.6358



158.4040, 27.9018, 57.5277



148.7640, -2.3487, -40.1350



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 131.2260, 17.6366, 36.6358 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 131.2260, 17.6366, 36.6358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

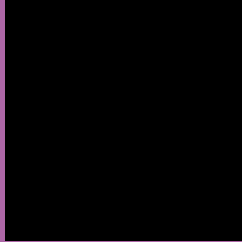
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.2260, 17.6366, 36.6358

Background



This preview shows how black text looks on a background with the YUV color 131.2260, 17.6366, 36.6358.



This preview shows how white text looks on a background with the YUV color 131.2260, 17.6366,

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

131.2260, 17.6366, 36.6358

Protanopia

127.6430, 28.2770, -16.3499

Deuteranopia

128.4350, 17.0405, -5.6435



Tritanopia

130.0580, -4.4656, 32.3981

Trichromacy



Original Color

131.2260, 17.6366, 36.6358

Protanomaly

129.0260, 24.1442, 2.6082

Deuteranomaly

129.5340, 16.9917, 10.0557

Tritanomaly

130.2460, 3.8227, 33.9873

Monochromacy



Original Color

131.2260, 17.6366, 36.6358

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0970, 6.3612, 13.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2260, 17.6366, 36.6358 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(173, 103, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 103, 167)  
}
```

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(173, 103, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 103, 167) }
```

Border

The CSS property to change the border of an element to YUV 131.2260, 17.6366, 36.6358 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(173, 103, 167) }
```


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

```
.border{ border-color:rgb(173, 103, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 103, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 103, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 103, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 103,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 131.2260, 17.6366, 36.6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 103, 167) }
```

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

```
.background{ background-color: rgb(173,  
103, 167) }
```

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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