

Converting Colors

YUV(164.6910, -1.3267, 5.5330)

Have a look what the booklet for
YUV(164.6910, -1.3267, 5.5330)
contains.

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Color

**YUV(164.6910, -1.3267,
5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA2A2
RGB	171, 162, 162
RGB Percent	67%, 64%, 64%
CMY	0.3294, 0.3647, 0.3647
CMYK	0.00, 0.05, 0.05, 0.33
HSL	0°, 5%, 65%
HSV	0°, 5%, 67%
XYZ	36.2365, 37.1072, 39.4350
YIQ	164.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

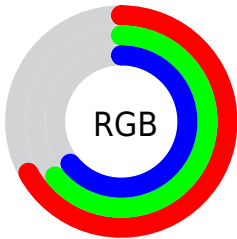
Format	Color
RYB	171, 162, 162
Decimal	11248290
CIELab	67.36, 3.25, 1.16
CIELCh	67, 3.455, 19.579
Yxy	37.1072, 0.3213, 0.3290
Android (android.graphics.Color)	4289438370 (0xFFABA2A2)
YUV	164.6910, -1.3267, 5.5330
Hunter-Lab	60.9157, -0.4194, 4.2585

Details

The YUV color $164.6910, -1.3267, 5.5330$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $168.3090, 1.3267, -5.5330$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.6910, -1.3267, 5.5330$, and $112.6910, -1.3267, 5.5330$ is the 20% darker color. If you saturate the color by 10%, you get $152.7740, -3.8326, 15.9842$, and if you desaturate by 10%, it is $176.6080, 1.1793, -4.9182$.

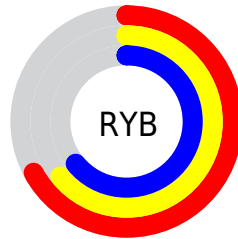
Distribution



Red (67%)

Green (64%)

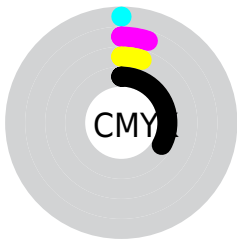
Blue (64%)



Red (67%)

Yellow (64%)

Blue (64%)

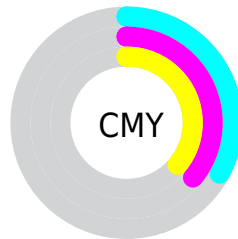


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6910, -1.3267, 5.5330 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 164.6910, -1.3267, 5.5330 by changing the saturation by 10% instead.

■ 164.6910, -1.3267,
5.5330

■ 164.6910, -1.3267,
5.5330

255.0000, 0.0000,
0.0000

■ 138.3920, -1.1793,
4.9182

■ 219.6910, -1.3267,
5.5330

■ 112.6910, -1.3267,
5.5330

■ 247.9900, -1.4741,
6.1478

■ 88.3920, -1.1793,
4.9182

■ 65.0930, -1.0318,
4.3034

■ 43.0930, -1.0318,
4.3034

■ 22.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,

0.0000

■ 164.6910, -1.3267,
5.5330

■ 164.6910, -1.3267,
5.5330

■ 152.7740, -3.8326,
15.9842

■ 176.6080, 1.1793,
-4.9182

■ 140.8570, -6.3385,
26.4354

■ 188.5250, 3.6852,
-15.3694

■ 128.9400, -8.8444,
36.8866

■ 200.4420, 6.1911,
-25.8206

■ 117.0230,
-11.3503, 47.3378

■ 212.3590, 8.6970,
-36.2718

■ 104.4050,
-14.0037, 58.4038

■ 224.2760, 11.2029,
-46.7231

■ 92.4880, -16.5096,
68.8550

■ 229.8840, 12.3822,
-51.6413

■ 80.5710, -19.0155,
79.3062

■ 68.6540, -21.5214,
89.7574

■ 56.7370, -24.0273,
100.2087

Harmonies

Analogous

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



164.7340, 0.1311, 4.6183



164.6910, -1.3267, 5.5330



164.0500, -2.4896, 5.2182

Triad

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



164.6910, -1.3267, 5.5330



163.2340, -1.5944, -1.9592



164.0750, 2.9210, -3.5738

Complementary

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



164.6910, -1.3267, 5.5330



168.3090, 1.3267, -5.5330

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.



163.0640, 2.9264, -5.3181



164.6910, -1.3267, 5.5330



163.2660, -0.1311, -4.6183

Square

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



164.6910, -1.3267, 5.5330



163.3160, -2.6208, 0.5999



163.3090, 1.3267, -5.5330



164.3850, 2.7682, -1.2146

Rectangle

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



164.6910, -1.3267, 5.5330



164.2240, -3.0684, 4.1886



163.3090, 1.3267, -5.5330



163.7760, 3.0684, -4.1886

Sweetspot

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



164.6910, -1.3267, 5.5330



218.4950, -0.7370, 3.0739



165.7170, 2.6045, 4.6332



110.5980, -0.2948, 1.2296



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.



164.6910, -1.3267, 5.5330



212.8870, -1.9163, 7.9921



167.0390, -2.4842, 3.4738



82.7940, -0.8844, 3.6887



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



168.3090, 1.3267, -5.5330



218.1130, 1.9163, -7.9921



165.3740, 2.7736, -2.9590



85.2060, 0.8844, -3.6887



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 164.6910, -1.3267, 5.5330 looks on a white background.

Color Contrast Check

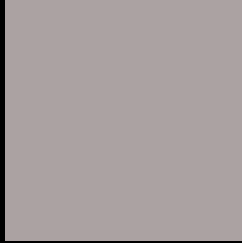
Large Text (above 18pt) WCAG AA × Fail

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 164.6910, -1.3267, 5.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

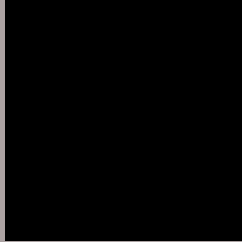
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.6910, -1.3267, 5.5330

Background



This preview shows how black text looks on a background with the YUV color 164.6910, -1.3267, 5.5330.

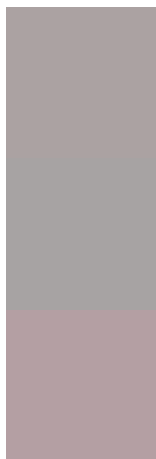


This preview shows how white text looks on a background with the YUV color 164.6910, -1.3267,

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

164.6910, -1.3267, 5.5330

Protanopia

164.1960, -0.5896, 2.4591

Deuteranopia

165.7350, -1.3484, 12.5104



Tritanopia

165.3690, 3.7621, 6.6924

Trichromacy



Original Color

164.6910, -1.3267, 5.5330

Protanomaly

164.4950, -0.7370, 3.0739

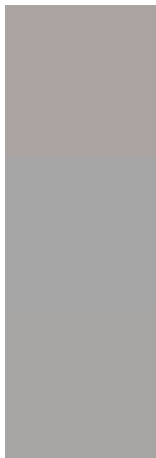
Deuteranomaly

165.4250, -1.1955, 10.1513

Tritanomaly

165.2010, 1.8729, 5.9627

Monochromacy



Original Color

164.6910, -1.3267, 5.5330

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6910, -1.3267, 5.5330 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(171, 162, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 162, 162)  
}
```

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(171, 162, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 162, 162) }
```

Border

The CSS property to change the border of an element to YUV 164.6910, -1.3267, 5.5330 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(171, 162, 162) }
```


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

```
.border{ border-color:rgb(171, 162, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 162, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 162, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 162, 162);  
box-shadow:4px 4px 4px 4px rgb(171, 162,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 164.6910, -1.3267, 5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 162, 162) }
```

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

```
.background{ background-color: rgb(171,  
162, 162) }
```

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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