

Converting Colors

YUV(153.0610, 31.0289,
-12.3315)

Have a look what the booklet for
YUV(153.0610, 31.0289, -12.3315)
contains.

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Color

**YUV(153.0610, 31.0289,
-12.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	8B94D8
RGB	139, 148, 216
RGB Percent	55%, 58%, 85%
CMY	0.4549, 0.4196, 0.1529
CMYK	0.36, 0.31, 0.00, 0.15
HSL	233°, 50%, 70%
HSV	233°, 36%, 85%
XYZ	33.6320, 31.6266, 69.2977
YIQ	153.0610, -27.1920, 19.2400

Conversions

Conversions Part 2

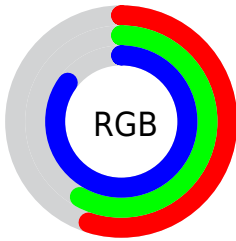
Format	Color
RYB	139, 147, 216
Decimal	9147608
CIELab	63.03, 12.99, -35.77
CIELCh	63, 38.057, 289.960
Yxy	31.6266, 0.2499, 0.2350
Android (android.graphics.Color)	4287337688 (0xFF8B94D8)
YUV	153.0610, 31.0289, -12.3315
Hunter-Lab	56.2376, 8.3335, -33.6927

Details

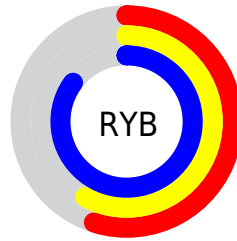
The YUV color **153.0610, 31.0289, -12.3315** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **201.9390, -31.0289, 12.3315**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9490, 24.1821, -9.6023**, and **101.5940, 29.2872, -13.6759** is the 20% darker color. If you saturate the color by 10%, you get **135.3300, 39.7703, -16.0754**, and if you desaturate by 10%, it is **170.7920, 22.2875, -8.5876**.

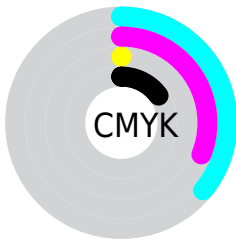
Distribution



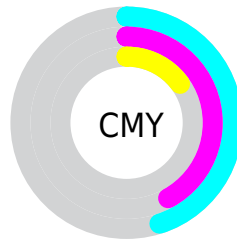
- Red (55%)
- Green (58%)
- Blue (85%)



- Red (55%)
- Yellow (58%)
- Blue (85%)



- Cyan (36%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0610, 31.0289, -12.3315 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 153.0610, 31.0289, -12.3315 by changing the saturation by 10% instead.

■ 153.0610, 31.0289,
-12.3315

■ 153.0610, 31.0289,
-12.3315

255.0000, 0.0000,
0.0000

■ 126.5340, 30.3027,
-12.7463

■ 205.9490, 24.1821,
-9.6023

■ 101.5940, 29.2872,
-13.6759

■ 230.7570, 11.9518,
-6.8029

■ 76.3550, 28.4190,
-15.2203

■ 254.1030, 0.4422,
-1.8443

■ 52.2190, 27.9930,
-18.6091

■ 27.7730, 27.7199,
-24.3569

■ 10.4760, 24.9083,
-9.1875

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 153.0610, 31.0289,
-12.3315

■ 153.0610, 31.0289,
-12.3315

■ 135.3300, 39.7703,
-16.0754

■ 170.7920, 22.2875,
-8.5876

■ 117.8980, 48.3643,
-19.2045

■ 188.2240, 13.6936,
-5.4584

■ 100.1670, 57.1057,
-22.9485

■ 205.9550, 4.9522,
-1.7145

■ 82.7350, 65.6996,
-26.0776

■ 223.3870, -3.6418,
1.4146

■ 65.0040, 74.4410,
-29.8215

■ 241.1180,
-12.3832, 5.1585

■ 47.2730, 83.1824,
-33.5654

■ 250.5540,
-17.0351, 3.8991

■ 39.2990, 87.1136,
-34.4652

Harmonies

Analogous

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



141.6210, 38.1478, -55.7956



153.0610, 31.0289, -12.3315



156.6050, 19.4217, 24.0254

Triad

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



153.0610, 31.0289, -12.3315



153.0650, -25.1750, 48.1780



135.1850, 2.3738, -61.5522

Complementary

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



153.0610, 31.0289, -12.3315



201.9390, -31.0289, 12.3315

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.



142.9540, -17.2323, -26.2697



153.0610, 31.0289, -12.3315



150.9950, -32.5355, 28.9454

Square

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



153.0610, 31.0289, -12.3315



154.6650, -11.6668, 55.5448



148.1120, -30.1282, 3.4098



119.6260, 26.8064, -104.9120

Rectangle

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



153.0610, 31.0289, -12.3315



156.7830, 9.4740, 41.4093



148.1120, -30.1282, 3.4098



138.3130, -5.0843, -49.3865

Sweetspot

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



153.0610, 31.0289, -12.3315



231.9530, 11.3622, -4.3438



191.8370, 6.9824, -46.3380



114.1120, 6.8468, -2.7292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.0610, 31.0289, -12.3315



165.1710, 44.2857, -17.6900



156.1500, 29.5061, 9.5155



98.4280, 4.2260, -2.1294



31.2340, 68.9046, -27.3922



7.8370, 17.3354, -6.8730

Inverse Universe

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



163.0490, -7.4192, 46.4380



179.3720, -10.5364, 66.3258



198.8500, -29.5060, -9.5154



99.5170, -0.7479, 6.5626



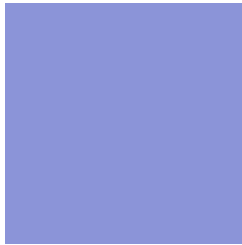
53.4090, -16.4706, 103.1273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 153.0610, 31.0289, -12.3315 looks on a white background.

Color Contrast Check

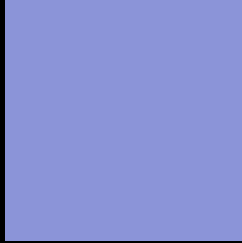
Large Text (above 18pt) WCAG AA × Fail

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 153.0610, 31.0289, -12.3315 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 153.0610, 31.0289, -12.3315

Background



This preview shows how black text looks on a background with the YUV color 153.0610, 31.0289, -12.3315.



This preview shows how white text looks on a background with the YUV color 153.0610, 31.0289, -12.3315.

-12.3315.

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

153.0610, 31.0289, -12.3315

Protanopia

152.0710, 32.5030, -18.4793

Deuteranopia

151.7180, 31.1980, -19.9237



Tritanopia

149.8110, 9.9532, -19.1282

Trichromacy



Original Color

153.0610, 31.0289, -12.3315

Protanomaly

152.2670, 31.9134, -16.0202

Deuteranomaly

152.3270, 30.8978, -16.9498

Tritanomaly

151.1840, 17.6573, -16.8244

Monochromacy



Original Color

153.0610, 31.0289, -12.3315

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9530, 11.3622, -4.3438

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0610, 31.0289, -12.3315 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(139, 148, 216)` looks like.

```
.text, #text, p{  
    color:rgb(139, 148, 216)  
}
```

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(139, 148, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 148, 216) }
```

Border

The CSS property to change the border of an element to YUV 153.0610, 31.0289, -12.3315 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

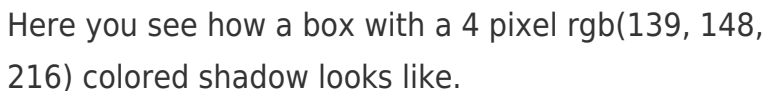
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 148, 216) }
```


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

```
.border{ border-color:rgb(139, 148, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 148, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 148, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 148, 216); box-shadow:4px 4px 4px 4px rgb(139, 148, 216) }
```

Background

The CSS property to change the background color of an element to YUV 153.0610, 31.0289, -12.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 148, 216) }
```

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

```
.background{ background-color: rgb(139,  
148, 216) }
```

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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