

Converting Colors

YUV(123.5090, 31.7941,
22.3556)

Have a look what the booklet for
YUV(123.5090, 31.7941, 22.3556)
contains.

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Color

**YUV(123.5090, 31.7941,
22.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	9562BC
RGB	149, 98, 188
RGB Percent	58%, 38%, 74%
CMY	0.4157, 0.6157, 0.2627
CMYK	0.21, 0.48, 0.00, 0.26
HSL	274°, 40%, 56%
HSV	274°, 48%, 74%
XYZ	25.8392, 18.7558, 49.8353
YIQ	123.5090, 1.5060, 38.8020

Conversions

Conversions Part 2

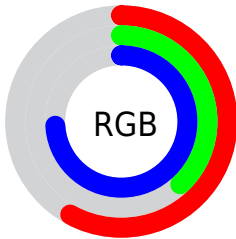
Format	Color
R_{YB}	149, 98, 188
Decimal	9790140
CIE _{Lab}	50.40, 37.70, -39.65
CIE _{LCh}	50, 54.708, 313.555
Yxy	18.7558, 0.2736, 0.1986
Android (android.graphics.Color)	4287980220 (0xFF9562BC)
YUV	123.5090, 31.7941, 22.3556
Hunter-Lab	43.3079, 30.7112, -37.9106

Details

The YUV color **123.5090, 31.7941, 22.3556** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **162.4910, -31.7941, -22.3556**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.2750, 33.3884, 24.3148**, and **72.7430, 30.1997, 20.3964** is the 20% darker color. If you saturate the color by 10%, you get **109.9640, 38.4717, 27.2186**, and if you desaturate by 10%, it is **137.0540, 25.1164, 17.4926**.

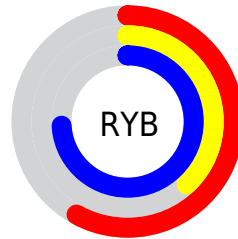
Distribution



Red (58%)

Green (38%)

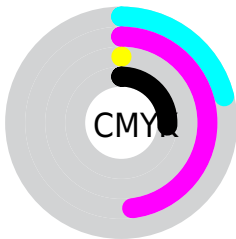
Blue (74%)



Red (58%)

Yellow (38%)

Blue (74%)

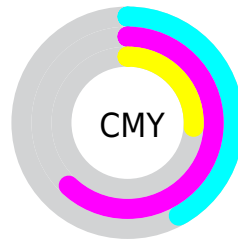


Cyan (21%)

Magenta (48%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (62%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5090, 31.7941, 22.3556 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 123.5090, 31.7941, 22.3556 by changing the saturation by 10% instead.

■ 123.5090, 31.7941,
22.3556

■ 123.5090, 31.7941,
22.3556

255.0000, 0.0000,
0.0000

■ 97.6830, 31.2153,
21.3260

■ 177.2750, 33.3884,
24.3148

■ 72.7430, 30.1997,
20.3964

■ 202.9350, 25.6680,
27.2440

■ 47.9170, 29.6209,
19.3668

■ 225.6500, 14.4696,
25.7400

■ 22.7320, 30.2051,
18.6520

■ 242.0860, 6.3666,
11.3256

■ 14.3150, 22.5227,
9.3707

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 123.5090, 31.7941,
22.3556

■ 123.5090, 31.7941,
22.3556

■ 109.9640, 38.4717,
27.2186

■ 137.0540, 25.1164,
17.4926

■ 96.4190, 45.1494,
32.0815

■ 150.5990, 18.4387,
12.6297

■ 83.4610, 51.5377,
36.4297

■ 163.5570, 12.0504,
8.2815

■ 69.6170, 58.3628,
40.6779

■ 177.4010, 5.2253,
4.0333

■ 56.0720, 65.0405,
45.5409

■ 190.9460, -1.4524,
-0.8296

■ 53.4250, 66.3455,
46.9853

■ 204.4910, -8.1301,
-5.6926

■ 218.0360,
-14.8077, -10.5556

■ 230.9940,
-21.1960, -14.9037

■ 237.4950,
-24.4010, -13.5891

Harmonies

Analogous

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



112.4560, 48.5822, -42.4959



123.5090, 31.7941, 22.3556



120.3540, 13.6295, 61.9565

Triad

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



123.5090, 31.7941, 22.3556



114.8260, -46.2562, 43.1256



99.3140, 20.0582, -87.0984

Complementary

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



123.5090, 31.7941, 22.3556



162.4910, -31.7941, -22.3556

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.



92.6680, -0.3293, -81.2698



123.5090, 31.7941, 22.3556



110.9330, -48.7740, 10.5828

Square

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



123.5090, 31.7941, 22.3556



116.4480, -29.3079, 67.1361



105.5330, -28.8568, -31.1624



103.0420, 39.4193, -90.3678

Rectangle

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



123.5090, 31.7941, 22.3556



117.3590, -0.6700, 75.1072



105.5330, -28.8568, -31.1624



97.4900, 13.0694, -85.4987

Sweetspot

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



123.5090, 31.7941, 22.3556



220.5570, 12.0504, 8.2815



131.1530, 28.0256, -29.0752



107.5690, 7.1145, 4.7630



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.



123.5090, 31.7941, 22.3556



144.5810, 49.5066, 34.5705



134.4860, 23.4244, 46.9318



87.5210, 3.1941, 2.1741



44.9220, 55.7475, 39.5334



8.6170, 11.0348, 7.3519

Inverse Universe

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



129.3560, 3.7685, 51.4308



153.8140, 6.0077, 79.9701



151.5140, -23.4244, -46.9318



88.1470, 0.4205, 5.1331



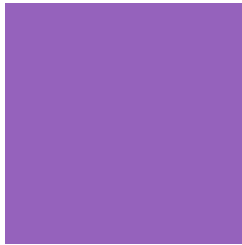
55.1080, 6.8488, 90.2363



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 123.5090, 31.7941, 22.3556 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 123.5090, 31.7941, 22.3556 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 123.5090, 31.7941, 22.3556

Background



This preview shows how black text looks on a background with the YUV color 123.5090, 31.7941, 22.3556.



This preview shows how white text looks on a background with the YUV color 123.5090, 31.7941, 22.3556.

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

123.5090, 31.7941, 22.3556

Protanopia

116.6810, 44.0343, -30.4152

Deuteranopia

118.0270, 32.5247, -25.4567



Tritanopia

121.5010, 0.2460, 14.4696

Trichromacy



Original Color

123.5090, 31.7941, 22.3556

Protanomaly

118.9500, 39.4647, -11.3571

Deuteranomaly

120.0230, 32.0337, -7.9132

Tritanomaly

122.4980, 11.5865, 17.1033

Monochromacy



Original Color

123.5090, 31.7941, 22.3556

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0300, 11.3242, 7.8667

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5090, 31.7941, 22.3556 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(149, 98, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 98, 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(149, 98, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 98, 188) }
```

Border

The CSS property to change the border of an element to YUV 123.5090, 31.7941, 22.3556 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(149, 98, 188) }
```


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

```
.border{ border-color:rgb(149, 98, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 98, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 98, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 98, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 98,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 123.5090, 31.7941, 22.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 98, 188) }
```

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

```
.background{ background-color: rgb(149, 98,  
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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