

Converting Colors

YUV(90.6590, 31.2271, 64.3201)

Have a look what the booklet for
YUV(90.6590, 31.2271, 64.3201)
contains.

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Color

**YUV(90.6590, 31.2271,
64.3201)**

Conversions

Conversions Part 1

Format	Color
Hex	A4299A
RGB	164, 41, 154
RGB Percent	64%, 16%, 60%
CMY	0.3569, 0.8392, 0.3961
CMYK	0.00, 0.75, 0.06, 0.36
HSL	305°, 60%, 40%
HSV	305°, 75%, 64%
XYZ	21.9355, 11.8115, 31.6956
YIQ	90.6590, 37.0350, 61.2190

Conversions

Conversions Part 2

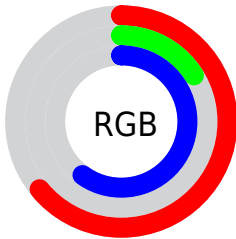
Format	Color
RYB	164, 41, 154
Decimal	10758554
CIELab	40.91, 61.37, -34.42
CIELCh	41, 70.365, 330.715
Yxy	11.8115, 0.3352, 0.1805
Android (android.graphics.Color)	4288948634 (0xFFA4299A)
YUV	90.6590, 31.2271, 64.3201
Hunter-Lab	34.3678, 53.7852, -30.6224

Details

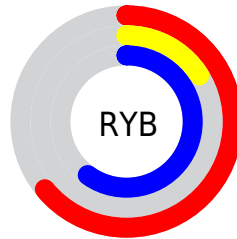
The YUV color **90.6590, 31.2271, 64.3201** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **114.3410, -31.2271, -64.3201**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9040, 29.6273, 64.1052**, and **43.9200, 28.6334, 56.1982** is the 20% darker color. If you saturate the color by 10%, you get **81.1530, 35.4206, 72.6568**, and if you desaturate by 10%, it is **100.1650, 27.0337, 55.9833**.

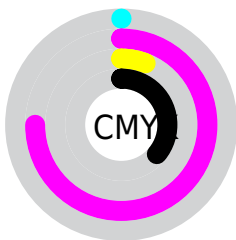
Distribution



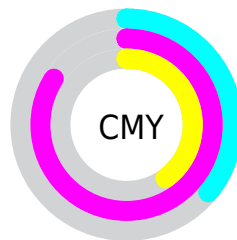
- Red (64%)
- Green (16%)
- Blue (60%)



- Red (64%)
- Yellow (16%)
- Blue (60%)



- Cyan (0%)
- Magenta (75%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (84%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6590, 31.2271, 64.3201 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 90.6590, 31.2271, 64.3201 by changing the saturation by 10% instead.

90.6590, 31.2271,
64.3201

90.6590, 31.2271,
64.3201

255.0000, 0.0000,
0.0000

55.2560, 35.8628,
70.8125

148.9040, 29.6273,
64.1052

43.9200, 28.6334,
56.1982

176.9150, 29.6219,
65.8495

33.1110, 22.1303,
41.9987

196.3000, 28.9391,
51.4799

23.3130, 15.6217,
29.5435

213.3230, 20.5468,
36.5507

11.7210, 9.9975,
13.3997

230.3460, 12.1544,
21.6216

0.4560, 1.7472,
-0.3999

247.3690, 3.7621,

0.0000, 0.0000,

6.6924

0.0000

■ 90.6590, 31.2271,
64.3201

■ 90.6590, 31.2271,
64.3201

■ 81.1530, 35.4206,
72.6568

■ 100.1650, 27.0337,
55.9833

■ 70.9460, 39.4666,
81.6084

■ 110.3720, 22.9876,
47.0318

■ 66.2500, 41.7818,
85.7267

■ 119.8780, 18.7941,
38.6950

■ 129.9710, 14.3113,
29.8434

■ 139.5910, 10.5546,
21.4067

■ 149.0970, 6.3612,
13.0699

■ 159.1900, 1.8783,
4.2184

■ 168.8100, -1.8783,
-4.2184

■ 178.9030, -6.3612,
-13.0699

Harmonies

Analogous

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



95.4310, 50.0735, -7.3940



90.6590, 31.2271, 64.3201



68.8790, 14.3567, 108.8541

Triad

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



90.6590, 31.2271, 64.3201



90.7480, -44.7388, 23.0230



87.9960, 32.5400, -77.1725

Complementary

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



90.6590, 31.2271, 64.3201



114.3410, -31.2271, -64.3201

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.



81.3840, 7.2057, -71.3738



90.6590, 31.2271, 64.3201



81.0260, -39.9458, -21.0708

Square

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



90.6590, 31.2271, 64.3201



89.2290, -43.9899, 62.9432



72.5550, -19.0076, -63.6307



90.6640, 52.9166, -79.5123

Rectangle

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



90.6590, 31.2271, 64.3201



68.0690, -3.9780, 109.5645



72.5550, -19.0076, -63.6307



85.9440, 24.6776, -75.3729

Sweetspot

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



90.6590, 31.2271, 64.3201



184.7810, 12.4330, 25.6251



57.4140, 52.5469, -7.3791



89.1620, 7.8081, 15.6439



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



90.6590, 31.2271, 64.3201



98.9990, 49.3005, 100.8559



83.8190, 5.0192, 70.3187



76.6030, 2.1677, 4.7332



58.6310, 37.1569, 75.7456



7.2060, 4.3354, 9.4663

Inverse Universe

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



90.6590, 31.2271, 64.3201



98.9990, 49.3005, 100.8559



121.1810, -5.0192, -70.3187



76.6030, 2.1677, 4.7332



58.6310, 37.1569, 75.7456



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 90.6590, 31.2271, 64.3201 looks on a white background.

Color Contrast Check

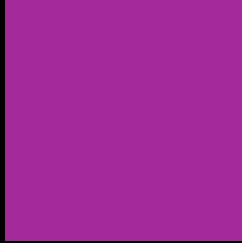
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 90.6590, 31.2271, 64.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

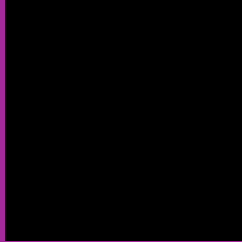
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6590, 31.2271, 64.3201

Background



This preview shows how black text looks on a background with the YUV color 90.6590, 31.2271, 64.3201.



This preview shows how white text looks on a background with the YUV color 90.6590, 31.2271,

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

90.6590, 31.2271, 64.3201

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

96.0080, 24.6461, -18.4240



Tritanopia

96.1700, -10.9298, 52.4709

Trichromacy



Original Color

90.6590, 31.2271, 64.3201



Protanomaly

82.8270, 49.3853, -20.0193



Deuteranomaly

94.1780, 27.0272, 11.2449



Tritanomaly

93.9160, 4.4784, 57.0787

Monochromacy



Original Color

90.6590, 31.2271, 64.3201



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.1290, 11.2754, 23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6590, 31.2271, 64.3201 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(164, 41, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 41, 154)  
}
```

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(164, 41, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 41, 154) }
```

Border

The CSS property to change the border of an element to YUV 90.6590, 31.2271, 64.3201 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(164, 41, 154) }
```


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

```
.border{ border-color:rgb(164, 41, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 41, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 41, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 41, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 41,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 90.6590, 31.2271, 64.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 41, 154) }
```

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

```
.background{ background-color: rgb(164, 41,  
154) }
```

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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