

Converting Colors

YUV(30.8410, 65.1544, 8.9094)

Have a look what the booklet for
YUV(30.8410, 65.1544, 8.9094)
contains.

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Color

**YUV(30.8410, 65.1544,
8.9094)**

Conversions

Conversions Part 1

Format	Color
Hex	2900A3
RGB	41, 0, 163
RGB Percent	16%, 0%, 64%
CMY	0.8392, 1.0000, 0.3608
CMYK	0.75, 1.00, 0.00, 0.36
HSL	255°, 100%, 32%
HSV	255°, 100%, 64%
XYZ	7.5253, 3.1158, 34.8551
YIQ	30.8410, -27.8870, 59.3850

Conversions

Conversions Part 2

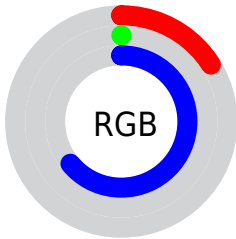
Format	Color
R_{YB}	41, 0, 163
Decimal	2687139
CIE _{Lab}	20.50, 57.37, -73.88
CIE _{LCh}	21, 93.537, 307.828
Yxy	3.1158, 0.1654, 0.0685
Android (android.graphics.Color)	4280877219 (0xFF2900A3)
YUV	30.8410, 65.1544, 8.9094
Hunter-Lab	17.6515, 45.2091, -104.7194

Details

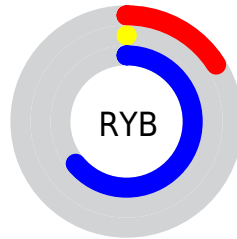
The YUV color **30.8410, 65.1544, 8.9094** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **132.1590, -65.1544, -8.9094**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.1900, 62.5173, 14.7424**, and **12.5400, 48.0478, -10.9976** is the 20% darker color. If you saturate the color by 10%, you get **30.8410, 65.1544, 8.9094**, and if you desaturate by 10%, it is **43.8210, 58.7552, 8.0500**.

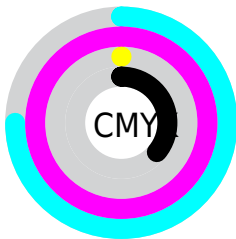
Distribution



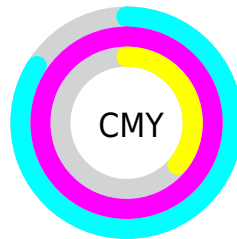
- Red (16%)
- Green (0%)
- Blue (64%)



- Red (16%)
- Yellow (0%)
- Blue (64%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8410, 65.1544, 8.9094 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 30.8410, 65.1544, 8.9094 by changing the saturation by 10% instead.

■ 30.8410, 65.1544,
8.9094

■ 30.8410, 65.1544,
8.9094

■ 252.6520, 1.1576,
2.0592

■ 15.5040, 59.4045,
-13.5970

■ 92.1900, 62.5173,
14.7424

■ 12.5400, 48.0478,
-10.9976

■ 119.7280, 63.2381,
16.9015

■ 9.5760, 36.6910,
-8.3982

■ 144.7580, 54.3493,
21.2602

■ 10.3620, 24.4715,
-9.0875

■ 169.5770, 42.1135,
25.8040

■ 5.3920, 15.5827,
-4.7288

■ 194.3960, 29.8778,
30.3477

■ 2.1830, 5.8258,
-1.9145

■ 218.6060, 17.9422,

■ 0.0000, 0.0000,

31.9175

0.0000

■ 235.6290, 9.5499,
16.9884

■ 30.8410, 65.1544,
8.9094

■ 43.8210, 58.7552,
8.0500

■ 57.3880, 52.0667,
6.6757

■ 70.6670, 45.5202,
6.4310

■ 83.6470, 39.1210,
5.5716

■ 97.2140, 32.4325,
4.1973

■ 110.1940, 26.0334,
3.3379

■ 123.1740, 19.6342,
2.4784

■ 136.4530, 13.0877,
2.2337

■ 150.0200, 6.3991,
0.8595

Harmonies

Analogous

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



56.7490, 67.6647, -49.7689



30.8410, 65.1544, 8.9094



52.4060, 24.9428, 73.3119

Triad

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



30.8410, 65.1544, 8.9094



39.8790, -19.6603, 52.7261



48.7280, 9.0081, -42.7345

Complementary

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



30.8410, 65.1544, 8.9094



132.1590, -65.1544, -8.9094

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.



39.9160, -19.6786, -35.0063



30.8410, 65.1544, 8.9094



44.5660, -21.9710, 0.3806

Square

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



30.8410, 65.1544, 8.9094



41.5610, -20.4896, 85.4540



37.5680, -18.5210, -32.9471



57.7680, 38.5684, -50.6625

Rectangle

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



30.8410, 65.1544, 8.9094



52.6580, 2.6336, 88.8769



37.5680, -18.5210, -32.9471



45.4050, -1.1857, -39.8202

Sweetspot

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



30.8410, 65.1544, 8.9094



160.0800, 25.5966, 3.4378



90.1960, 35.8924, -79.1019



76.0230, 15.2717, 1.7338



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.



30.8410, 65.1544, 8.9094



40.0150, 84.7886, 11.3878



55.0600, 53.2144, 58.7064



74.6240, 3.6364, 0.3298



27.5930, 57.8817, 8.2499



3.2480, 7.2727, 0.6595

Inverse Universe

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



62.6450, 29.2620, 88.0113



81.4000, 37.7638, 114.5362



107.9400, -53.2144, -58.7064



76.4890, 1.7309, 4.8331



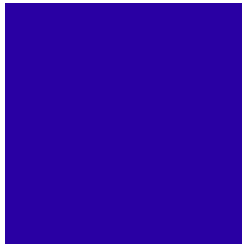
55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 30.8410, 65.1544, 8.9094 looks on a white background.

Color Contrast Check

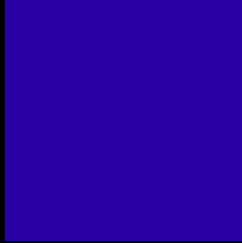
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 30.8410, 65.1544, 8.9094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

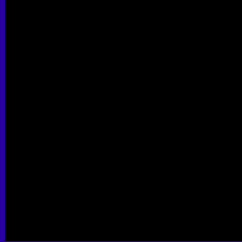
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8410, 65.1544, 8.9094

Background



This preview shows how black text looks on a background with the YUV color 30.8410, 65.1544, 8.9094.



This preview shows how white text looks on a background with the YUV color 30.8410, 65.1544,

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



Protanopia

42.0210, 31.5416, -36.8524

Deuteranopia

41.9580, 23.6847, -36.7972

Tritanopia

41.0000, 9.8600, -35.9570

Trichromacy



Protanomaly

37.7470, 44.0017, -19.9491

Deuteranomaly

37.7810, 39.0550, -19.9789

Tritanomaly

37.3760, 29.8876, -19.6238

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.2110, 23.5600, 3.3230

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8410, 65.1544, 8.9094 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(41, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(41, 0, 163)  
}
```

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(41, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 0, 163) }
```

Border

The CSS property to change the border of an element to YUV 30.8410, 65.1544, 8.9094 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(41, 0, 163) }
```

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

```
.border{ border-color:rgb(41, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(41, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(41, 0, 163)  
}
```


Background

The CSS property to change the background color of an element to YUV 30.8410, 65.1544, 8.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 0, 163) }
```

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

```
.background{ background-color: rgb(41, 0,  
163) }
```

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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