

Converting Colors

YUV(90.4320, 18.5210, 32.9471)

Have a look what the booklet for
YUV(90.4320, 18.5210, 32.9471)
contains.

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Color

**YUV(90.4320, 18.5210,
32.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	804080
RGB	128, 64, 128
RGB Percent	50%, 25%, 50%
CMY	0.4980, 0.7490, 0.4980
CMYK	0.00, 0.50, 0.00, 0.50
HSL	300°, 33%, 38%
HSV	300°, 50%, 50%
XYZ	14.6318, 9.8145, 21.5453
YIQ	90.4320, 17.6000, 33.4720

Conversions

Conversions Part 2

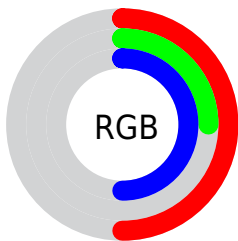
Format	Color
RYB	128, 64, 128
Decimal	8405120
CIELab	37.51, 37.34, -24.29
CIElCh	38, 44.543, 326.952
Yxy	9.8145, 0.3181, 0.2134
Android (android.graphics.Color)	4286595200 (0xFF804080)
YUV	90.4320, 18.5210, 32.9471
Hunter-Lab	31.3281, 28.5441, -18.8459

Details

The YUV color **90.4320, 18.5210, 32.9471** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.5680, -18.5210, -32.9471**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9700, 19.2418, 35.1063**, and **39.5460, 18.9578, 32.8472** is the 20% darker color. If you saturate the color by 10%, you get **82.8010, 22.2831, 39.6395**, and if you desaturate by 10%, it is **98.0630, 14.7589, 26.2547**.

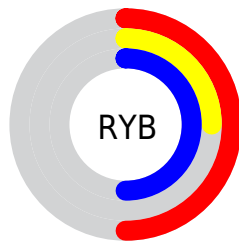
Distribution



Red (50%)

Green (25%)

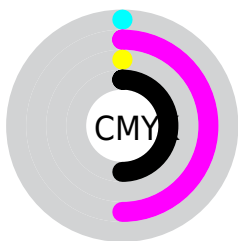
Blue (50%)



Red (50%)

Yellow (25%)

Blue (50%)

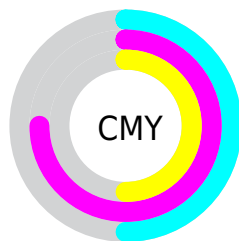


Cyan (0%)

Magenta (50%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4320, 18.5210, 32.9471 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 90.4320, 18.5210, 32.9471 by changing the saturation by 10% instead.

90.4320, 18.5210,
32.9471

90.4320, 18.5210,
32.9471

255.0000, 0.0000,
0.0000

65.1330, 18.6684,
32.3324

141.9700, 19.2418,
35.1063

39.5460, 18.9578,
32.8472

169.6820, 19.3838,
36.2359

21.8180, 16.3587,
26.4696

197.0950, 19.6732,
36.7507

13.1450, 10.2815,
15.6588

219.7800, 17.3635,
30.8879

0.7980, 3.0576,
-0.6998

236.8030, 8.9711,
15.9588

0.0000, 0.0000,
0.0000

253.2390, 0.8682,

1.5444

■ 90.4320, 18.5210,
32.9471

■ 90.4320, 18.5210,
32.9471

■ 82.8010, 22.2831,
39.6395

■ 98.0630, 14.7589,
26.2547

■ 75.1700, 26.0452,
46.3319

■ 105.6940, 10.9969,
19.5624

■ 68.1260, 29.5179,
52.5095

■ 112.7380, 7.5242,
13.3848

■ 60.4950, 33.2800,
59.2019

■ 120.3690, 3.7621,
6.6924

■ 52.8640, 37.0420,
65.8943

■ 128.0000, 0.0000,
0.0000

■ 135.6310, -3.7621,
-6.6924

■ 143.2620, -7.5242,
-13.3848

■ 150.3060,
-10.9969, -19.5624

■ 157.9370,
-14.7589, -26.2547

Harmonies

Analogous

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



88.6210, 31.7388, -6.6836



90.4320, 18.5210, 32.9471



86.5630, 3.1734, 55.6342

Triad

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



90.4320, 18.5210, 32.9471



82.8280, -39.3552, 22.9528



75.3150, 22.0297, -66.0513

Complementary

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



90.4320, 18.5210, 32.9471



101.5680, -18.5210, -32.9471

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.



71.0970, 5.8682, -62.3521



90.4320, 18.5210, 32.9471



80.1880, -32.1377, -5.4269

Square

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



90.4320, 18.5210, 32.9471



85.4190, -28.8006, 44.3595



70.3150, -11.4943, -46.7573



76.7460, 35.1282, -67.3062

Rectangle

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



90.4320, 18.5210, 32.9471



85.3110, -8.0413, 59.3633



70.3150, -11.4943, -46.7573



73.9470, 16.7881, -64.8515

Sweetspot

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



90.4320, 18.5210, 32.9471



151.3250, 7.2348, 12.8700



71.2960, 27.9551, -6.3986



75.1950, 4.3409, 7.7220



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



90.4320, 18.5210, 32.9471



107.3000, 28.9391, 51.4799



86.7840, 4.5435, 36.1464



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.4320, 18.5210, 32.9471



107.3000, 28.9391, 51.4799



105.2160, -4.5435, -36.1464



59.8910, 2.0257, 3.6036



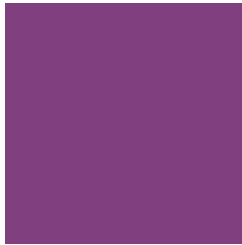
52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 90.4320, 18.5210, 32.9471 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 90.4320, 18.5210, 32.9471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

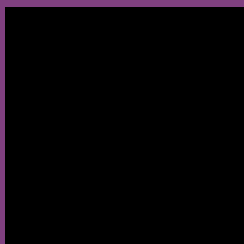
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.4320, 18.5210, 32.9471

Background



This preview shows how black text looks on a background with the YUV color 90.4320, 18.5210, 32.9471.



This preview shows how white text looks on a background with the YUV color 90.4320, 18.5210,

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

90.4320, 18.5210, 32.9471

Protanopia

86.9630, 29.5982, -20.1386

Deuteranopia

88.8150, 17.3462, -10.3618



Tritanopia

89.7370, -4.3073, 28.2947

Trichromacy



Original Color

90.4320, 18.5210, 32.9471

Protanomaly

88.3460, 25.4654, -1.1804

Deuteranomaly

89.3270, 17.5868, 5.8522

Tritanomaly

89.9250, 3.9810, 29.8838

Monochromacy



Original Color

90.4320, 18.5210, 32.9471

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4990, 6.6560, 11.8404

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4320, 18.5210, 32.9471 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(128, 64, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 64, 128)  
}
```

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(128, 64, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 64, 128) }
```

Border

The CSS property to change the border of an element to YUV 90.4320, 18.5210, 32.9471 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(128, 64, 128) }
```


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

```
.border{ border-color:rgb(128, 64, 128) }
```

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

Here you see how a box with a 4 pixel rgb(128, 64, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 64, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 64, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 64,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 90.4320, 18.5210, 32.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 64, 128) }
```

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

```
.background{ background-color: rgb(128, 64,  
128) }
```

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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