

Converting Colors

YUV(90.0320, 38.4382, -8.7981)

Have a look what the booklet for
YUV(90.0320, 38.4382, -8.7981)
contains.

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Color

**YUV(90.0320, 38.4382,
-8.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	5050A8
RGB	80, 80, 168
RGB Percent	31%, 31%, 66%
CMY	0.6863, 0.6863, 0.3412
CMYK	0.52, 0.52, 0.00, 0.34
HSL	240°, 35%, 49%
HSV	240°, 52%, 66%
XYZ	13.2448, 10.2699, 38.3300
YIQ	90.0320, -28.2480, 27.3680

Conversions

Conversions Part 2

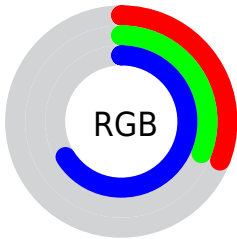
Format	Color
R_{YB}	80, 80, 168
Decimal	5263528
CIE _{Lab}	38.32, 25.07, -47.56
CIE _{LCh}	38, 53.763, 297.799
Yxy	10.2699, 0.2142, 0.1661
Android (android.graphics.Color)	4283453608 (0xFF5050A8)
YUV	90.0320, 38.4382, -8.7981
Hunter-Lab	32.0468, 17.6916, -48.4820

Details

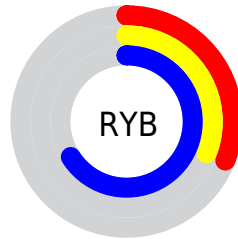
The YUV color **90.0320, 38.4382, -8.7981** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **157.9680, -38.4382, 8.7981**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6240, 40.6114, -5.8092**, and **39.0260, 37.4552, -20.1938** is the 20% darker color. If you saturate the color by 10%, you get **74.9700, 45.8638, -10.4977**, and if you desaturate by 10%, it is **105.0940, 31.0127, -7.0984**.

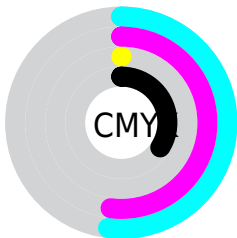
Distribution



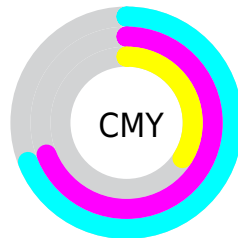
- Red (31%)
- Green (31%)
- Blue (66%)



- Red (31%)
- Yellow (31%)
- Blue (66%)



- Cyan (52%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (69%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0320, 38.4382, -8.7981 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 90.0320, 38.4382, -8.7981 by changing the saturation by 10% instead.

■ 90.0320, 38.4382,
-8.7981

■ 90.0320, 38.4382,
-8.7981

■ 255.0000, 0.0000,
0.0000

■ 64.7820, 37.5755,
-12.0868

■ 141.6240, 40.6114,
-5.8092

■ 39.0260, 37.4552,
-20.1938

■ 168.5640, 41.6269,
-4.8796

■ 19.6520, 34.6816,
-17.2348

■ 193.3120, 30.4122,
-1.1506

■ 7.5240, 28.8287,
-6.5985

■ 218.4190, 18.0344,
2.2635

■ 6.6630, 17.9141,
-5.8435

■ 243.5260, 5.6567,
5.6777

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 90.0320, 38.4382,
-8.7981

■ 90.0320, 38.4382,
-8.7981

■ 74.9700, 45.8638,
-10.4977

■ 105.0940, 31.0127,
-7.0984

■ 59.9080, 53.2894,
-12.1973

■ 120.1560, 23.5871,
-5.3988

■ 45.7320, 60.2781,
-13.7970

■ 134.3320, 16.5983,
-3.7992

■ 30.6700, 67.7037,
-15.4966

■ 149.3940, 9.1728,
-2.0995

■ 19.1520, 73.3821,
-16.7963

■ 164.4560, 1.7472,
-0.3999

■ 179.5180, -5.6784,
1.2997

■ 194.5800,
-13.1039, 2.9993

■ 208.7560,
-20.0927, 4.5990

■ 223.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



77.2310, 49.6791, -67.7316



90.0320, 38.4382, -8.7981



91.2250, 22.5671, 41.8987

Triad

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



90.0320, 38.4382, -8.7981



84.8840, -37.4108, 52.7217



73.7870, 6.0210, -64.7112

Complementary

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



90.0320, 38.4382, -8.7981



157.9680, -38.4382, 8.7981

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.



66.7820, -13.2035, -58.5678



90.0320, 38.4382, -8.7981



84.5570, -41.6866, 24.0675

Square

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



90.0320, 38.4382, -8.7981



83.1400, -15.3520, 70.9142



79.0430, -38.9682, -7.9307



78.8030, 25.2401, -69.1102

Rectangle

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



90.0320, 38.4382, -8.7981



85.6100, 12.0243, 63.4860



79.0430, -38.9682, -7.9307



71.9630, -0.9678, -63.1116

Sweetspot

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



90.0320, 38.4382, -8.7981



187.9900, 15.2879, -3.4992



141.6880, 12.9718, -54.1004



91.3940, 9.1728, -2.0995



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



90.0320, 38.4382, -8.7981



96.7320, 60.2781, -13.7970



103.1880, 31.9523, 18.2521



76.9120, 3.4944, -0.7998



16.8720, 64.6461, -14.7967



2.2800, 8.7360, -1.9996

Inverse Universe

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



116.3440, 25.4664, 45.3023



137.9940, 39.9360, 71.0423



144.8120, -31.9523, -18.2521



79.3040, 2.3151, 4.1184



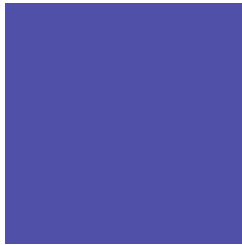
61.1240, 42.8299, 76.1903



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 90.0320, 38.4382, -8.7981 looks on a white background.

Color Contrast Check

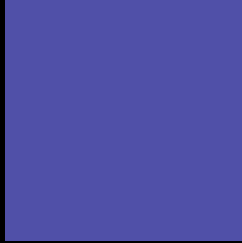
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.0320, 38.4382, -8.7981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

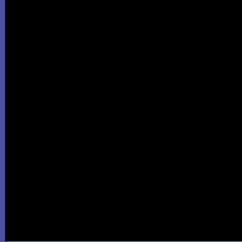
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0320, 38.4382, -8.7981

Background



This preview shows how black text looks on a background with the YUV color 90.0320, 38.4382, -8.7981.



This preview shows how white text looks on a background with the YUV color 90.0320, 38.4382, -8.7981.

-8.7981.

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

90.0320, 38.4382, -8.7981

Protanopia

82.1960, 46.2454, -39.6369

Deuteranopia

72.4720, 44.1373, -63.5579



Tritanopia

85.8490, 8.9484, -23.5466

Trichromacy



Original Color

90.0320, 38.4382, -8.7981

Protanomaly

84.8770, 43.4446, -27.9561

Deuteranomaly

79.0230, 41.8937, -43.8702

Tritanomaly

87.3410, 19.5519, -17.8391

Monochromacy



Original Color

90.0320, 38.4382, -8.7981

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6480, 13.9775, -3.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0320, 38.4382, -8.7981 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(80, 80, 168)` looks like.

```
.text, #text, p{  
    color:rgb(80, 80, 168)  
}
```

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(80, 80, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 80, 168) }
```

Border

The CSS property to change the border of an element to YUV 90.0320, 38.4382, -8.7981 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(80, 80, 168) }
```


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

```
.border{ border-color:rgb(80, 80, 168) }
```

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

Here you see how a box with a 4 pixel rgb(80, 80, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 80, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 80, 168);  
box-shadow:4px 4px 4px 4px rgb(80, 80,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 90.0320, 38.4382, -8.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 80, 168) }
```

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

```
.background{ background-color: rgb(80, 80,  
168) }
```

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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