

Converting Colors

YUV(64.0900, 43.8326,
-12.3569)

Have a look what the booklet for
YUV(64.0900, 43.8326, -12.3569)
contains.

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Color

**YUV(64.0900, 43.8326,
-12.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	323699
RGB	50, 54, 153
RGB Percent	20%, 21%, 60%
CMY	0.8039, 0.7882, 0.4000
CMYK	0.67, 0.65, 0.00, 0.40
HSL	238°, 51%, 40%
HSV	238°, 67%, 60%
XYZ	8.3843, 5.6164, 30.7792
YIQ	64.0900, -34.1630, 29.9410

Conversions

Conversions Part 2

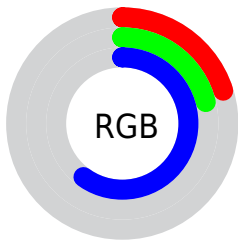
Format	Color
R_{YB}	50, 54, 153
Decimal	3290777
CIE _{Lab}	28.42, 31.10, -54.67
CIE _{LCh}	28, 62.893, 299.634
Yxy	5.6164, 0.1872, 0.1254
Android (android.graphics.Color)	4281480857 (0xFF323699)
YUV	64.0900, 43.8326, -12.3569
Hunter-Lab	23.6988, 21.6779, -60.4144

Details

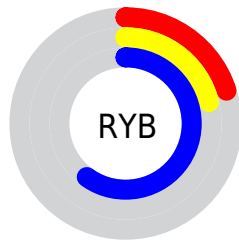
The YUV color **64.0900, 43.8326, -12.3569** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **138.9100, -43.8326, 12.3569**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5900, 45.5581, -5.7794**, and **19.1450, 40.3545, -16.7902** is the 20% darker color. If you saturate the color by 10%, you get **50.8000, 50.3846, -13.8566**, and if you desaturate by 10%, it is **77.3800, 37.2807, -10.8573**.

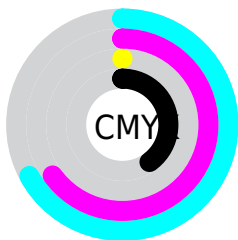
Distribution



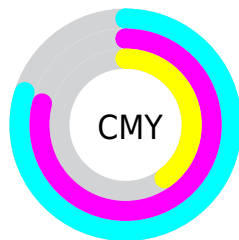
- Red (20%)
- Green (21%)
- Blue (60%)



- Red (20%)
- Yellow (21%)
- Blue (60%)



- Cyan (67%)
- Magenta (65%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (79%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.0900, 43.8326, -12.3569 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 64.0900, 43.8326, -12.3569 by changing the saturation by 10% instead.

■ 64.0900, 43.8326,
-12.3569

■ 64.0900, 43.8326,
-12.3569

■ 255.0000, 0.0000,
0.0000

■ 34.9420, 44.8916,
-25.3821

■ 115.5900, 45.5581,
-5.7794

■ 19.1450, 40.3545,
-16.7902

■ 141.9430, 46.8631,
-4.3350

■ 8.6640, 33.1966,
-7.5983

■ 167.9280, 42.9265,
-1.6909

■ 8.2760, 21.5559,
-7.2581

■ 192.4480, 30.8381,
2.2381

■ 4.5940, 12.5252,
-4.0289

■ 216.9680, 18.7498,
6.1671

■ 0.1140, 0.4368,
-0.1000

■ 242.9610, 5.9352,

■ 0.0000, 0.0000,

9.6812

0.0000

■ 64.0900, 43.8326,
-12.3569

■ 64.0900, 43.8326,
-12.3569

■ 50.8000, 50.3846,
-13.8566

■ 77.3800, 37.2807,
-10.8573

■ 37.7980, 56.7946,
-16.4858

■ 90.3820, 30.8707,
-8.2280

■ 24.5080, 63.3466,
-17.9855

■ 103.6720, 24.3187,
-6.7283

■ 20.9640, 65.0937,
-18.3854

■ 116.9620, 17.7667,
-5.2287

■ 130.2520, 11.2148,
-3.7290

■ 143.2540, 4.8048,
-1.0998

■ 156.5440, -1.7472,
0.3999

■ 169.8340, -8.2992,
1.8996

■ 182.8360,
-14.7091, 4.5288

Harmonies

Analogous

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



62.3620, 51.0935, -54.6915



64.0900, 43.8326, -12.3569



56.2730, 29.9384, 57.6426

Triad

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



64.0900, 43.8326, -12.3569



60.5340, -29.8433, 52.1517



57.8920, 3.5042, -50.7713

Complementary

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



64.0900, 43.8326, -12.3569



138.9100, -43.8326, 12.3569

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.



49.6330, -20.5251, -43.5281



64.0900, 43.8326, -12.3569



63.2710, -31.1926, 18.1793

Square

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



64.0900, 43.8326, -12.3569



45.3790, -11.0328, 85.6136



55.0660, -27.1475, -19.3519



63.4780, 24.9073, -55.6702

Rectangle

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



64.0900, 43.8326, -12.3569



51.9630, 16.7802, 78.0854



55.0660, -27.1475, -19.3519



55.3670, -3.6319, -48.5569

Sweetspot

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



64.0900, 43.8326, -12.3569



164.7340, 16.8931, -5.0287



121.6330, 12.9989, -62.8221



79.2090, 9.7570, -2.8143



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



64.0900, 43.8326, -12.3569



59.8760, 68.5881, -19.1853



75.4960, 38.2095, 17.9820



69.9120, 3.4944, -0.7998



18.8950, 59.7048, -16.5709



1.4820, 5.6784, -1.2997

Inverse Universe

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



81.2530, -13.4357, 62.9221



86.8230, -21.1117, 98.3792



127.5040, -38.2095, -17.9820



71.3920, -1.1793, 4.9182



42.4300, -18.4530, 85.5689



3.8870, -1.9163, 7.9921

Previews

White Background



This preview shows how the YUV color 64.0900, 43.8326, -12.3569 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 64.0900, 43.8326, -12.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

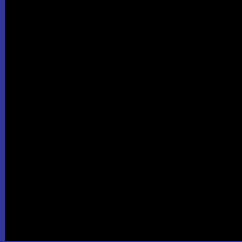
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.0900, 43.8326, -12.3569

Background



This preview shows how black text looks on a background with the YUV color 64.0900, 43.8326, -12.3569.



This preview shows how white text looks on a background with the YUV color 64.0900, 43.8326, -12.3569.

-12.3569.

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

64.0900, 43.8326, -12.3569

Protanopia

53.7730, 41.0309, -47.1589

Deuteranopia

53.8410, 31.1374, -47.2186



Tritanopia

52.5580, 13.5289, -46.0934

Trichromacy



Original Color

64.0900, 43.8326, -12.3569

Protanomaly

57.4910, 42.1559, -34.6336

Deuteranomaly

57.7700, 35.6094, -34.8783

Tritanomaly

56.9090, 24.6949, -34.1232

Monochromacy



Original Color

64.0900, 43.8326, -12.3569

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8050, 15.8721, -4.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.0900, 43.8326, -12.3569 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(50, 54, 153)` looks like.

```
.text, #text, p{  
    color:rgb(50, 54, 153)  
}
```

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(50, 54, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 54, 153) }
```

Border

The CSS property to change the border of an element to YUV 64.0900, 43.8326, -12.3569 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(50, 54, 153) }
```


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

```
.border{ border-color:rgb(50, 54, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 54, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 54, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 54, 153);  
box-shadow:4px 4px 4px 4px rgb(50, 54,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 64.0900, 43.8326, -12.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 54, 153) }
```

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

```
.background{ background-color: rgb(50, 54,  
153) }
```

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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