

Converting Colors

YUV(53.8450, 45.4324,
-12.1421)

Have a look what the booklet for
YUV(53.8450, 45.4324, -12.1421)
contains.

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Color

**YUV(53.8450, 45.4324,
-12.1421)**

Conversions

Conversions Part 1

Format	Color
Hex	282B92
RGB	40, 43, 146
RGB Percent	16%, 17%, 57%
CMY	0.8431, 0.8314, 0.4275
CMYK	0.73, 0.71, 0.00, 0.43
HSL	238°, 57%, 36%
HSV	238°, 73%, 57%
XYZ	6.9273, 4.2542, 27.6502
YIQ	53.8450, -34.8510, 31.3970

Conversions

Conversions Part 2

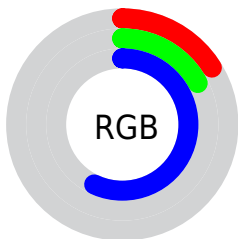
Format	Color
RYB	40, 43, 146
Decimal	2632594
CIELab	24.49, 34.31, -56.83
CIELCh	24, 66.386, 301.119
Yxy	4.2542, 0.1784, 0.1096
Android (android.graphics.Color)	4280822674 (0xFF282B92)
YUV	53.8450, 45.4324, -12.1421
Hunter-Lab	20.6257, 23.8553, -65.0443

Details

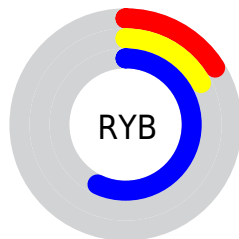
The YUV color **53.8450, 45.4324, -12.1421** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **132.1550, -45.4324, 12.1421**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.3560, 47.1525, -3.8202**, and **11.3030, 40.7696, -9.9127** is the 20% darker color. If you saturate the color by 10%, you get **41.1420, 51.6950, -14.1565**, and if you desaturate by 10%, it is **66.5480, 39.1698, -10.1276**.

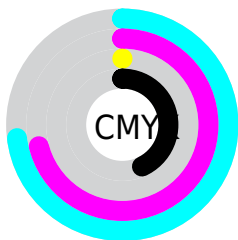
Distribution



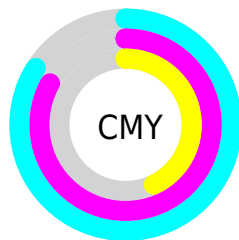
- Red (16%)
- Green (17%)
- Blue (57%)



- Red (16%)
- Yellow (17%)
- Blue (57%)



- Cyan (73%)
- Magenta (71%)
- Yellow (0%)
- Black (43%)



- Cyan (84%)
- Magenta (83%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8450, 45.4324, -12.1421 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 53.8450, 45.4324, -12.1421 by changing the saturation by 10% instead.

■ 53.8450, 45.4324,
-12.1421

■ 53.8450, 45.4324,
-12.1421

■ 255.0000, 0.0000,
0.0000

■ 26.5940, 46.0492,
-23.3229

■ 105.3560, 47.1525,
-3.8202

■ 11.3030, 40.7696,
-9.9127

■ 131.8940, 47.8733,
-1.6610

■ 7.9800, 30.5759,
-6.9985

■ 158.4920, 47.5784,
-0.4315

■ 7.5920, 18.9351,
-6.6582

■ 182.4250, 35.7795,
4.0123

■ 3.4370, 10.6306,
-3.0142

■ 207.2440, 23.5437,
8.5560

■ 0.0000, 0.0000,
0.0000

■ 232.3510, 11.1660,

11.9702

252.0650, 1.4470,
2.5740

53.8450, 45.4324,
-12.1421

53.8450, 45.4324,
-12.1421

41.1420, 51.6950,
-14.1565

66.5480, 39.1698,
-10.1276

28.7380, 57.8102,
-15.5562

78.9520, 33.0547,
-8.7279

18.9920, 62.6149,
-16.6560

92.2420, 26.5027,
-7.2282

104.6460, 20.3875,
-5.8285

117.3490, 14.1249,
-3.8141

■ 130.0520, 7.8624,
-1.7996

■ 142.4560, 1.7472,
-0.3999

■ 155.1590, -4.5154,
1.6146

■ 168.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



57.0960, 51.2247, -50.0732



53.8450, 45.4324, -12.1421



46.9960, 30.0750, 60.5165

Triad

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



53.8450, 45.4324, -12.1421



51.3750, -25.3279, 50.5371



51.3380, 3.7774, -45.0234

Complementary

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



53.8450, 45.4324, -12.1421



132.1550, -45.4324, 12.1421

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.



43.4380, -21.4149, -38.0951



53.8450, 45.4324, -12.1421



54.6880, -26.9612, 14.3056

Square

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



53.8450, 45.4324, -12.1421



40.9780, -16.2582, 81.5803



42.8950, -21.1472, -30.6029



57.7390, 25.7647, -50.6371

Rectangle

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



53.8450, 45.4324, -12.1421



48.9150, 12.8599, 75.4965



42.8950, -21.1472, -30.6029



49.2860, -4.0850, -43.2238

Sweetspot

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



53.8450, 45.4324, -12.1421



152.3750, 18.0561, -4.7139



113.8500, 13.8780, -64.7664



73.3230, 10.1938, -2.9143



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



53.8450, 45.4324, -12.1421



46.0440, 70.4773, -18.4556



66.7350, 39.0776, 19.5264



67.7980, 3.0576, -0.6998



18.0800, 59.1206, -15.8562



1.1400, 4.3680, -0.9998

Inverse Universe

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



72.0360, -14.3147, 64.8664



74.4920, -22.4276, 100.4235



119.2650, -39.0776, -19.5264



69.0930, -1.0318, 4.3034



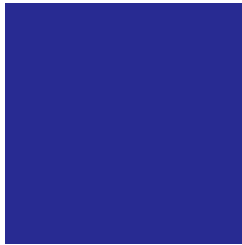
41.7180, -18.5950, 84.4393



2.9900, -1.4741, 6.1478

Previews

White Background



This preview shows how the YUV color 53.8450, 45.4324, -12.1421 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 53.8450, 45.4324, -12.1421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

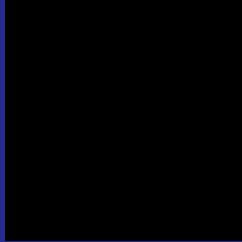
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8450, 45.4324, -12.1421

Background



This preview shows how black text looks on a background with the YUV color 53.8450, 45.4324, -12.1421.



This preview shows how white text looks on a background with the YUV color 53.8450, 45.4324, -12.1421.

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

53.8450, 45.4324, -12.1421

Protanopia

46.4380, 35.7731, -40.7261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

46.0210, 11.3286, -40.3604

Trichromacy



Original Color

53.8450, 45.4324, -12.1421

Protanomaly

49.1280, 39.3769, -29.9303

Deuteranomaly

49.5210, 33.2671, -30.2749

Tritanomaly

49.0020, 23.6630, -29.8198

Monochromacy



Original Color

53.8450, 45.4324, -12.1421

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9190, 16.3089, -4.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8450, 45.4324, -12.1421 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(40, 43, 146)` looks like.

```
.text, #text, p{  
    color:rgb(40, 43, 146)  
}
```

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(40, 43, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 43, 146) }
```

Border

The CSS property to change the border of an element to YUV 53.8450, 45.4324, -12.1421 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(40, 43, 146) }
```


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

```
.border{ border-color:rgb(40, 43, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 43, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 43, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 43, 146);  
box-shadow:4px 4px 4px 4px rgb(40, 43,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 53.8450, 45.4324, -12.1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 43, 146) }
```

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

```
.background{ background-color: rgb(40, 43,  
146) }
```

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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