

Converting Colors

YUV(45.5360, 57.4168,
-29.4111)

Have a look what the booklet for
YUV(45.5360, 57.4168, -29.4111)
contains.

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Color

**YUV(45.5360, 57.4168,
-29.4111)**

Conversions

Conversions Part 1

Format	Color
Hex	0C28A2
RGB	12, 40, 162
RGB Percent	5%, 16%, 64%
CMY	0.9529, 0.8431, 0.3647
CMYK	0.93, 0.75, 0.00, 0.36
HSL	229°, 86%, 34%
HSV	229°, 93%, 64%
XYZ	7.4320, 4.2044, 34.6022
YIQ	45.5360, -55.8500, 32.0060

Conversions

Conversions Part 2

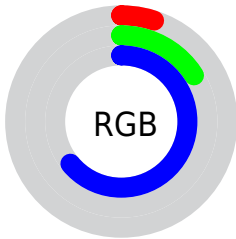
Format	Color
R_{YB}	12, 36, 162
Decimal	796834
CIE _{Lab}	24.34, 39.95, -66.94
CIE _{LCh}	24, 77.952, 300.828
Yxy	4.2044, 0.1607, 0.0909
Android (android.graphics.Color)	4278986914 (0xFF0C28A2)
YUV	45.5360, 57.4168, -29.4111
Hunter-Lab	20.5046, 28.8153, -85.7008

Details

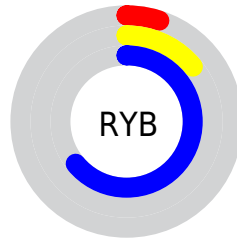
The YUV color **45.5360, 57.4168, -29.4111** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **128.4640, -57.4168, 29.4111**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.1410, 56.6255, -8.8937**, and **12.4260, 47.6110, -10.8976** is the 20% darker color. If you saturate the color by 10%, you get **36.0780, 62.0795, -31.6404**, and if you desaturate by 10%, it is **57.9510, 51.2962, -26.2670**.

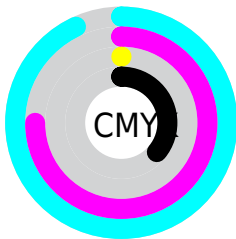
Distribution



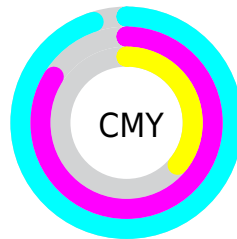
- Red (5%)
- Green (16%)
- Blue (64%)



- Red (5%)
- Yellow (14%)
- Blue (64%)



- Cyan (93%)
- Magenta (75%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (84%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5360, 57.4168, -29.4111 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 45.5360, 57.4168, -29.4111 by changing the saturation by 10% instead.

■ 45.5360, 57.4168,
-29.4111

■ 45.5360, 57.4168,
-29.4111

■ 255.0000, 0.0000,
0.0000

■ 26.5430, 53.4693,
-23.2782

■ 103.1410, 56.6255,
-8.8937

■ 12.4260, 47.6110,
-10.8976

■ 130.3910, 57.4882,
-5.6049

■ 9.5760, 36.6910,
-8.3982

■ 154.6490, 49.4730,
-1.4462

■ 10.2480, 24.0347,
-8.9875

■ 179.4680, 37.2373,
3.0976

■ 5.3920, 15.5827,
-4.7288

■ 204.2870, 25.0015,
7.6413

■ 2.0690, 5.3890,
-1.8145

■ 229.6930, 12.4764,

■ 0.0000, 0.0000,

11.6702

0.0000

250.3040, 2.3151,
4.1184

45.5360, 57.4168,
-29.4111

45.5360, 57.4168,
-29.4111

36.0780, 62.0795,
-31.6404

57.9510, 51.2962,
-26.2670

70.3660, 45.1756,
-23.1230

83.6670, 38.6182,
-19.8790

96.0820, 32.4976,
-16.7349

108.4970, 26.3770,
-13.5909

■ 120.9120, 20.2564,
-10.4468

■ 133.3270, 14.1358,
-7.3028

■ 146.0410, 7.8678,
-3.5440

■ 159.0430, 1.4578,
-0.9147

Harmonies

Analogous

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



60.4360, 58.9451, -53.0024



45.5360, 57.4168, -29.4111



50.4140, 32.8269, 64.5349

Triad

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



45.5360, 57.4168, -29.4111



47.5870, -23.4604, 58.2442



51.8110, 3.0512, -45.4382

Complementary

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



45.5360, 57.4168, -29.4111



128.4640, -57.4168, 29.4111

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.



44.0250, -21.7043, -38.6099



45.5360, 57.4168, -29.4111



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.



45.5360, 57.4168, -29.4111



43.0560, -21.2266, 88.5279



41.0900, -20.2574, -36.0359



59.8250, 28.6803, -52.4665

Rectangle

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



45.5360, 57.4168, -29.4111



52.6600, 12.9856, 81.8592



41.0900, -20.2574, -36.0359



49.4170, -6.1216, -43.3387

Sweetspot

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



45.5360, 57.4168, -29.4111



165.2970, 23.0246, -11.6615



113.7300, 9.0071, -89.2172



78.6260, 13.9884, -6.6880



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.



45.5360, 57.4168, -29.4111



47.6480, 81.0255, -41.7873



42.5550, 58.8864, 12.6683



75.2000, 3.3524, -1.9294



32.3790, 55.5222, -28.3964



3.8130, 6.9942, -3.3440

Inverse Universe

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



60.0420, -9.8807, 89.4172



67.9480, -13.7784, 126.3336



131.4450, -58.8864, -12.6683



75.9190, -0.4531, 5.3330



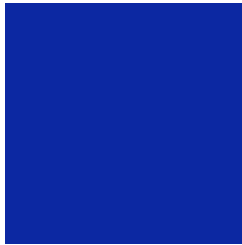
46.4330, -9.5805, 86.4433



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 45.5360, 57.4168, -29.4111 looks on a white background.

Color Contrast Check

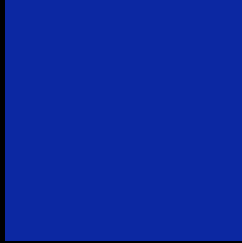
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5360, 57.4168, -29.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

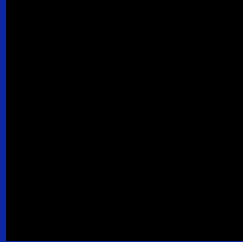
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5360, 57.4168, -29.4111

Background



This preview shows how black text looks on a background with the YUV color 45.5360, 57.4168, -29.4111.



This preview shows how white text looks on a background with the YUV color 45.5360, 57.4168,

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

45.5360, 57.4168, -29.4111

Protanopia

46.3240, 35.3363, -40.6261

Deuteranopia

46.7340, 26.7531, -40.9857



Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

45.5360, 57.4168, -29.4111

Protanomaly

45.8220, 43.4718, -36.6779

Deuteranomaly

46.3290, 37.7988, -37.1225

Tritanomaly

45.6960, 27.7579, -36.5674

Monochromacy



Original Color

45.5360, 57.4168, -29.4111

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0260, 20.6932, -10.5468

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5360, 57.4168, -29.4111 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(12, 40, 162)` looks like.

```
.text, #text, p{  
    color:rgb(12, 40, 162)  
}
```

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(12, 40, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 40, 162) }
```

Border

The CSS property to change the border of an element to YUV 45.5360, 57.4168, -29.4111 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(12, 40, 162) }
```


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

```
.border{ border-color:rgb(12, 40, 162) }
```

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

Here you see how a box with a 4 pixel rgb(12, 40, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 40, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 40, 162);  
box-shadow:4px 4px 4px 4px rgb(12, 40,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 45.5360, 57.4168, -29.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 40, 162) }
```

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

```
.background{ background-color: rgb(12, 40,  
162) }
```

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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