

Converting Colors

YUV(50.1590, 45.7706,
-27.3264)

Have a look what the booklet for
YUV(50.1590, 45.7706, -27.3264)
contains.

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Color

**YUV(50.1590, 45.7706,
-27.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	13308F
RGB	19, 48, 143
RGB Percent	7%, 19%, 56%
CMY	0.9255, 0.8118, 0.4392
CMYK	0.87, 0.66, 0.00, 0.44
HSL	226°, 77%, 32%
HSV	226°, 87%, 56%
XYZ	6.2834, 4.2355, 26.4730
YIQ	50.1590, -47.7790, 23.3970

Conversions

Conversions Part 2

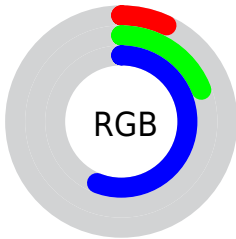
Format	Color
R _Y B	19, 43, 143
Decimal	1257615
CIE Lab	24.44, 27.88, -55.11
CIE LCh	24, 61.764, 296.836
Yxy	4.2355, 0.1699, 0.1145
Android (android.graphics.Color)	4279447695 (0xFF13308F)
YUV	50.1590, 45.7706, -27.3264
Hunter-Lab	20.5804, 18.4825, -61.8597

Details

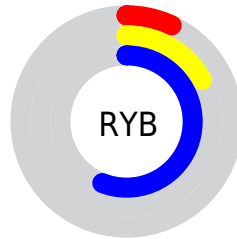
The YUV color **50.1590, 45.7706, -27.3264** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **111.8410, -45.7706, 27.3264**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3610, 46.1640, -13.4716**, and **13.8960, 38.0123, -12.1868** is the 20% darker color. If you saturate the color by 10%, you get **39.5160, 51.0176, -30.2705**, and if you desaturate by 10%, it is **60.8020, 40.5236, -24.3824**.

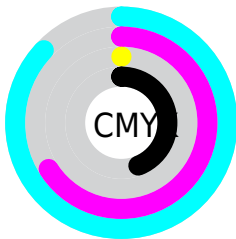
Distribution



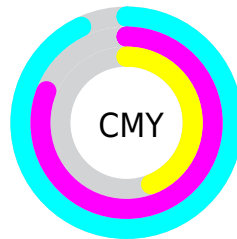
- Red (7%)
- Green (19%)
- Blue (56%)



- Red (7%)
- Yellow (17%)
- Blue (56%)



- Cyan (87%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (93%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.1590, 45.7706, -27.3264 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 50.1590, 45.7706, -27.3264 by changing the saturation by 10% instead.

■ 50.1590, 45.7706,
-27.3264

■ 50.1590, 45.7706,
-27.3264

■ 255.0000, 0.0000,
0.0000

■ 29.1870, 43.2918,
-25.5970

■ 104.3610, 46.1640,
-13.4716

■ 13.8960, 38.0123,
-12.1868

■ 130.3120, 47.1742,
-10.7976

■ 9.9860, 28.1079,
-8.7577

■ 157.2520, 48.1898,
-9.8680

■ 6.7770, 18.3509,
-5.9434

■ 181.7720, 36.1014,
-5.9390

■ 3.0950, 9.3202,
-2.7143

■ 206.2920, 24.0130,
-2.0101

■ 0.0000, 0.0000,
0.0000

■ 231.6980, 11.4879,

2.0189

■ 50.1590, 45.7706,
-27.3264

■ 50.1590, 45.7706,
-27.3264

■ 39.5160, 51.0176,
-30.2705

■ 60.8020, 40.5236,
-24.3824

■ 35.6730, 52.9122,
-31.2852

■ 71.7440, 35.1292,
-20.8235

■ 82.3870, 29.8822,
-17.8794

■ 93.0300, 24.6352,
-14.9353

■ 103.9720, 19.2408,
-11.3764

■ 114.6150, 13.9938,
-8.4324

■ 125.2580, 8.7468,
-5.4883

■ 135.9010, 3.4998,
-2.5442

■ 146.8430, -1.8946,
1.0147

Harmonies

Analogous

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



56.7710, 47.4409, -49.7882



50.1590, 45.7706, -27.3264



45.4080, 31.8439, 53.1392

Triad

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



50.1590, 45.7706, -27.3264



50.5000, -24.8965, 52.1815



49.9530, 1.0092, -43.8088

Complementary

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



50.1590, 45.7706, -27.3264



111.8410, -45.7706, 27.3264

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.



42.8510, -21.1255, -37.5803



50.1590, 45.7706, -27.3264



55.0090, -27.1194, 18.4091

Square

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



50.1590, 45.7706, -27.3264



41.4490, -10.5744, 78.5362



48.0000, -23.6640, -16.6630



55.8980, 21.2493, -49.0225

Rectangle

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



50.1590, 45.7706, -27.3264



47.2070, 16.6599, 69.9785



48.0000, -23.6640, -16.6630



48.0150, -6.4164, -42.1092

Sweetspot

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



50.1590, 45.7706, -27.3264



149.9290, 17.7830, -10.4617



102.3900, 4.7377, -73.1330



72.4150, 10.6414, -6.5030



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.



50.1590, 45.7706, -27.3264



47.0320, 68.5112, -41.2471



42.4050, 49.5933, 6.6608



65.9720, 2.4788, -1.7294



34.1740, 49.7072, -29.9706



2.0860, 2.9156, -1.8294

Inverse Universe

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



59.3820, -5.6113, 73.3330



60.6300, -8.1986, 109.9495



119.5950, -49.5933, -6.6608



66.3210, -0.1583, 4.1035



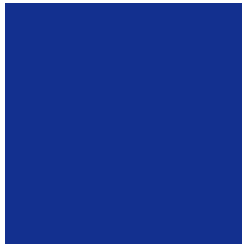
44.0130, -5.9224, 79.7956



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 50.1590, 45.7706, -27.3264 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 50.1590, 45.7706, -27.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

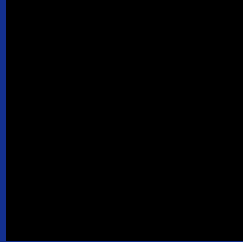
Any Text WCAG AA × Fail

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 50.1590, 45.7706, -27.3264 Background



This preview shows how black text looks on a background with the YUV color 50.1590, 45.7706, -27.3264.



This preview shows how white text looks on a background with the YUV color 50.1590, 45.7706,

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

50.1590, 45.7706, -27.3264

Protanopia

46.4380, 35.7731, -40.7261

Tritanopia

45.9070, 10.8918, -40.2604

Trichromacy



Original Color

50.1590, 45.7706, -27.3264

Protanomaly

47.7960, 39.5406, -35.7781

Tritanomaly

47.5560, 23.3899, -35.5676

Monochromacy



Original Color

50.1590, 45.7706, -27.3264

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0000, 16.7620, -9.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.1590, 45.7706, -27.3264 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(19, 48, 143)` looks like.

```
.text, #text, p{  
    color:rgb(19, 48, 143)  
}
```

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(19, 48, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 48, 143) }
```

Border

The CSS property to change the border of an element to YUV 50.1590, 45.7706, -27.3264 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(19, 48, 143) }
```

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

```
.border{ border-color:rgb(19, 48, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 48, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 48, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 48, 143);  
box-shadow:4px 4px 4px 4px rgb(19, 48,  
143) }
```


Background

The CSS property to change the background color of an element to YUV 50.1590, 45.7706, -27.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 48, 143) }
```

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

```
.background{ background-color: rgb(19, 48,  
143) }
```

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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