

Converting Colors

YUV(45.5020, 42.1505,
-32.8893)

Have a look what the booklet for
YUV(45.5020, 42.1505, -32.8893)
contains.

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Color

**YUV(45.5020, 42.1505,
-32.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	083083
RGB	8, 48, 131
RGB Percent	3%, 19%, 51%
CMY	0.9686, 0.8118, 0.4863
CMYK	0.94, 0.63, 0.00, 0.49
HSL	220°, 88%, 27%
HSV	220°, 94%, 51%
XYZ	5.2538, 3.8042, 21.9301
YIQ	45.5020, -50.4830, 17.3330

Conversions

Conversions Part 2

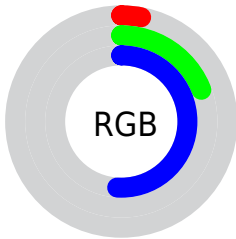
Format	Color
R_{YB}	8, 38, 131
Decimal	536707
CIE _{Lab}	23.01, 22.30, -49.97
CIE _{LCh}	23, 54.722, 294.054
Yxy	3.8042, 0.1695, 0.1228
Android (android.graphics.Color)	4278726787 (0xFF083083)
YUV	45.5020, 42.1505, -32.8893
Hunter-Lab	19.5044, 13.9491, -53.0106

Details

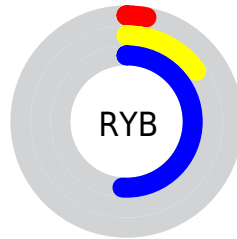
The YUV color **45.5020, 42.1505, -32.8893** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **93.4980, -42.1505, 32.8893**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9000, 41.9543, -16.5753**, and **11.5820, 34.2231, -10.1574** is the 20% darker color. If you saturate the color by 10%, you get **40.1750, 44.7767, -35.2335**, and if you desaturate by 10%, it is **54.6720, 37.6297, -29.5303**.

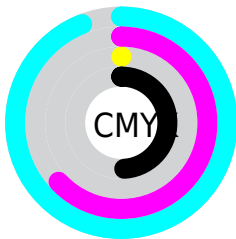
Distribution



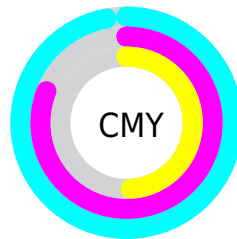
- Red (3%)
- Green (19%)
- Blue (51%)



- Red (3%)
- Yellow (15%)
- Blue (51%)



- Cyan (94%)
- Magenta (63%)
- Yellow (0%)
- Black (49%)



- Cyan (97%)
- Magenta (81%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5020, 42.1505, -32.8893 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 45.5020, 42.1505, -32.8893 by changing the saturation by 10% instead.

■ 45.5020, 42.1505,
-32.8893

■ 45.5020, 42.1505,
-32.8893

■ 255.0000, 0.0000,
0.0000

■ 28.4060, 37.7608,
-24.9121

■ 99.9000, 41.9543,
-16.5753

■ 11.5820, 34.2231,
-10.1574

■ 126.4380, 42.6751,
-14.4161

■ 9.4330, 23.4505,
-8.2727

■ 153.3780, 43.6906,
-13.4865

■ 5.0500, 14.2723,
-4.4289

■ 178.4940, 37.7175,
-10.9572

■ 0.9120, 3.4944,
-0.7998

■ 203.0140, 25.6291,
-7.0283

■ 0.0000, 0.0000,
0.0000

■ 228.1210, 13.2513,

-3.6141

254.1140, 0.4368,
-0.1000

■ 45.5020, 42.1505,
-32.8893

■ 45.5020, 42.1505,
-32.8893

■ 40.1750, 44.7767,
-35.2335

■ 54.6720, 37.6297,
-29.5303

■ 63.8420, 33.1089,
-26.1714

■ 73.0120, 28.5881,
-22.8125

■ 81.5950, 24.3567,
-18.9388

■ 90.7650, 19.8359,
-15.5799

■ 100.2340, 15.1676,
-11.6062

■ 109.4040, 10.6468,
-8.2473

■ 118.5740, 6.1260,
-4.8884

■ 127.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



52.7130, 42.0465, -46.2293



45.5020, 42.1505, -32.8893



50.5280, 26.3617, 38.1249

Triad

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



45.5020, 42.1505, -32.8893



48.1190, -23.7227, 49.0076



46.2200, -0.6015, -40.5349

Complementary

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



45.5020, 42.1505, -32.8893



93.4980, -42.1505, 32.8893

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.



39.9160, -19.6786, -35.0063



45.5020, 42.1505, -32.8893



52.3620, -25.8145, 19.8535

Square

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



45.5020, 42.1505, -32.8893



39.0290, -6.9163, 71.8886



47.1580, -23.2489, -9.7856



51.5950, 17.4547, -45.2488

Rectangle

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



45.5020, 42.1505, -32.8893



42.9780, 17.2658, 62.2863



47.1580, -23.2489, -9.7856



44.6240, -6.7166, -39.1352

Sweetspot

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



45.5020, 42.1505, -32.8893



137.8640, 16.3360, -13.0357



89.5490, 0.2223, -71.5185



66.2900, 10.2100, -8.1473



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



45.5020, 42.1505, -32.8893



52.3660, 58.4866, -45.9250



28.0020, 50.7780, -0.0018



61.8580, 2.0420, -1.6295



39.4740, 44.6293, -34.6187



0.9290, 1.0210, -0.8147

Inverse Universe

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



49.3370, -0.6591, 71.6185



57.5130, -0.7459, 99.5281



110.6990, -50.6306, -0.6130



62.0220, -0.0108, 3.4887



43.6580, -0.8174, 75.7219



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 45.5020, 42.1505, -32.8893 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 45.5020, 42.1505, -32.8893 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 45.5020, 42.1505, -32.8893

Background



This preview shows how black text looks on a background with the YUV color 45.5020, 42.1505, -32.8893.



This preview shows how white text looks on a background with the YUV color 45.5020, 42.1505,

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

45.5020, 42.1505, -32.8893

Protanopia

43.9930, 34.0205, -38.5819

Deuteranopia

44.5170, 25.8741, -39.0414



Tritanopia

43.8040, 10.4496, -38.4161

Trichromacy



Original Color

45.5020, 42.1505, -32.8893

Protanomaly

44.5140, 37.2146, -36.4078

Deuteranomaly

45.0210, 31.5416, -36.8524

Tritanomaly

44.5020, 21.9375, -36.3973

Monochromacy



Original Color

45.5020, 42.1505, -32.8893

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5020, 42.1505, -32.8893 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(8, 48, 131)` looks like.

```
.text, #text, p{  
    color:rgb(8, 48, 131)  
}
```

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(8, 48, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 48, 131) }
```

Border

The CSS property to change the border of an element to YUV 45.5020, 42.1505, -32.8893 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(8, 48, 131) }
```


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

```
.border{ border-color:rgb(8, 48, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 48, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 48, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 48, 131);  
box-shadow:4px 4px 4px 4px rgb(8, 48, 131)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5020, 42.1505, -32.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 48, 131) }
```

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

```
.background{ background-color: rgb(8, 48,  
131) }
```

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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