

Converting Colors

YUV(45.8450, 21.7684,
-28.8051)

Have a look what the booklet for
YUV(45.8450, 21.7684, -28.8051)
contains.

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Color

**YUV(45.8450, 21.7684,
-28.8051)**

Conversions

Conversions Part 1

Format	Color
Hex	0D365A
RGB	13, 54, 90
RGB Percent	5%, 21%, 35%
CMY	0.9490, 0.7882, 0.6471
CMYK	0.86, 0.40, 0.00, 0.65
HSL	208°, 75%, 20%
HSV	208°, 86%, 35%
XYZ	3.3306, 3.4621, 10.1656
YIQ	45.8450, -35.9920, 2.5040

Conversions

Conversions Part 2

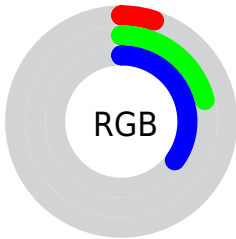
Format	Color
RYB	13, 40, 90
Decimal	865882
CIELab	21.81, 0.66, -25.55
CIELCh	22, 25.555, 271.475
Yxy	3.4621, 0.1964, 0.2042
Android (android.graphics.Color)	4279055962 (0xFF0D365A)
YUV	45.8450, 21.7684, -28.8051
Hunter-Lab	18.6067, -0.6100, -19.3678

Details

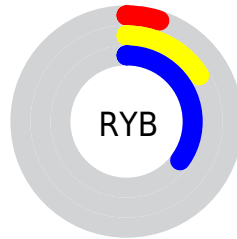
The YUV color **45.8450, 21.7684, -28.8051** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.1550, -21.7684, 28.8051**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5900, 21.8941, -22.4424**, and **10.2990, 16.6146, -9.0322** is the 20% darker color. If you saturate the color by 10%, you get **40.8060, 24.2526, -32.2789**, and if you desaturate by 10%, it is **50.8840, 19.2842, -25.3313**.

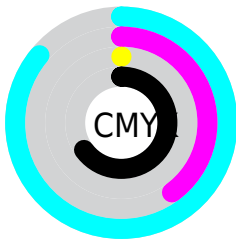
Distribution



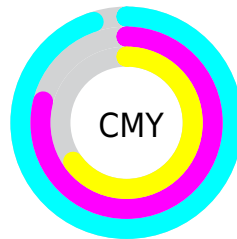
- Red (5%)
- Green (21%)
- Blue (35%)



- Red (5%)
- Yellow (16%)
- Blue (35%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8450, 21.7684, -28.8051 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 45.8450, 21.7684, -28.8051 by changing the saturation by 10% instead.

■ 45.8450, 21.7684,
-28.8051

■ 45.8450, 21.7684,
-28.8051

■ 255.0000, 0.0000,
0.0000

■ 26.8950, 19.2788,
-23.5869

■ 95.5900, 21.8941,
-22.4424

■ 10.2990, 16.6146,
-9.0322

■ 121.1170, 22.6203,
-22.0276

■ 3.2090, 9.7570,
-2.8143

■ 147.2310, 23.0571,
-22.1276

■ 0.0000, 0.0000,
0.0000

■ 174.3450, 23.4939,
-22.2276

■ 201.5730, 24.3675,
-22.4275

■ 227.1360, 13.7370,

-19.4133

■ 248.4220, 3.2430,
-13.5251

■ 45.8450, 21.7684,
-28.8051

■ 45.8450, 21.7684,
-28.8051

■ 40.8060, 24.2526,
-32.2789

■ 50.8840, 19.2842,
-25.3313

■ 38.4360, 25.4211,
-33.7084

■ 55.9230, 16.8000,
-21.8575

■ 61.5490, 14.0263,
-18.8985

■ 66.5880, 11.5421,
-15.4247

■ 71.6270, 9.0579,
-11.9509

■ 76.6660, 6.5737,
-8.4771

■ 81.7050, 4.0894,
-5.0033

■ 87.3310, 1.3158,
-2.0443

■ 92.3700, -1.1684,
1.4295

Harmonies

Analogous

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



44.3230, 20.0538, -38.8713



45.8450, 21.7684, -28.8051



53.4250, 15.5665, 0.5043

Triad

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



45.8450, 21.7684, -28.8051



51.8960, -8.8227, 29.9092



43.7660, -5.3076, -24.3508

Complementary

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



45.8450, 21.7684, -28.8051



57.1550, -21.7684, 28.8051

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.



48.3680, -14.9714, -4.7077



45.8450, 21.7684, -28.8051



51.6040, -16.0738, 22.2723

Square

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



45.8450, 21.7684, -28.8051



52.1870, -0.0922, 29.6540



50.4300, -18.9460, 10.1469



42.4360, 5.2081, -37.2164

Rectangle

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



45.8450, 21.7684, -28.8051



54.2480, 10.7237, 13.8145



50.4300, -18.9460, 10.1469



45.8980, -8.8237, -16.5735

Sweetspot

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



45.8450, 21.7684, -28.8051



99.8120, 8.4737, -11.2361



62.3030, -6.5584, -43.2387



48.0360, 5.4053, -7.0476



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



45.8450, 21.7684, -28.8051



49.7320, 33.1631, -43.6150



23.5390, 32.7653, -9.2427



43.3310, 1.3158, -2.0443



46.5860, 31.2631, -40.8559



100.9800, 67.0579, -88.5595

Inverse Universe

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



40.6970, 6.5584, 43.2387



42.0510, 9.8349, 65.7303



79.4610, -32.7653, 9.2427



42.8370, 0.5734, 2.7740



39.5020, 9.1195, 61.8267



85.2270, 20.1011, 133.1049

Previews

White Background



This preview shows how the YUV color 45.8450, 21.7684, -28.8051 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 45.8450, 21.7684, -28.8051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

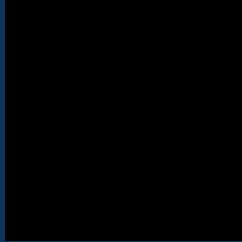
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8450, 21.7684, -28.8051

Background



This preview shows how black text looks on a background with the YUV color 45.8450, 21.7684, -28.8051.



This preview shows how white text looks on a background with the YUV color 45.8450, 21.7684,

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

45.8450, 21.7684, -28.8051

Protanopia

51.2170, 17.6410, -11.5913

Deuteranopia

48.5470, 20.4363, -21.5277

Trichromacy



Original Color

45.8450, 21.7684, -28.8051

Protanomaly

49.2270, 19.1151, -17.7391

Deuteranomaly

47.3510, 21.0260, -23.9868

Monochromacy



Original Color

45.8450, 21.7684, -28.8051

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9970, 7.8895, -10.5214

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8450, 21.7684, -28.8051 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(13, 54, 90)` looks like.

```
.text, #text, p{  
    color:rgb(13, 54, 90)  
}
```

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(13, 54, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 54, 90) }
```

Border

The CSS property to change the border of an element to YUV 45.8450, 21.7684, -28.8051 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(13, 54, 90) }
```

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

```
.border{ border-color:rgb(13, 54, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 54, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 54, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 54, 90);  
box-shadow:4px 4px 4px 4px rgb(13, 54, 90)  
}
```


Background

The CSS property to change the background color of an element to YUV 45.8450, 21.7684, -28.8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 54, 90) }
```

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

```
.background{ background-color: rgb(13, 54,  
90) }
```

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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