

Converting Colors

YUV(45.5600, 27.3319,
-39.9561)

Have a look what the booklet for
YUV(45.5600, 27.3319, -39.9561)
contains.

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Color

**YUV(45.5600, 27.3319,
-39.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	003A65
RGB	0, 58, 101
RGB Percent	0%, 23%, 40%
CMY	1.0000, 0.7725, 0.6039
CMYK	1.00, 0.43, 0.00, 0.60
HSL	206°, 100%, 20%
HSV	206°, 100%, 40%
XYZ	3.8620, 3.9657, 12.8738
YIQ	45.5600, -48.3710, 1.0770

Conversions

Conversions Part 2

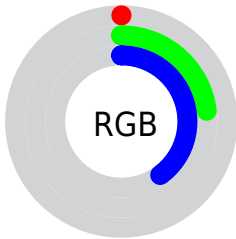
Format	Color
RYB	0, 37, 101
Decimal	14949
CIELab	23.56, 1.39, -29.96
CIELCh	24, 29.992, 272.651
Yxy	3.9657, 0.1866, 0.1916
Android (android.graphics.Color)	4278205029 (0xFF003A65)
YUV	45.5600, 27.3319, -39.9561
Hunter-Lab	19.9141, -0.2323, -24.3893

Details

The YUV color **45.5600, 27.3319, -39.9561** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.4400, -27.3319, 39.9561**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2950, 25.9836, -27.4457**, and **14.9610, 19.2462, -13.1208** is the 20% darker color. If you saturate the color by 10%, you get **45.5600, 27.3319, -39.9561**, and if you desaturate by 10%, it is **50.8980, 24.7003, -35.8675**.

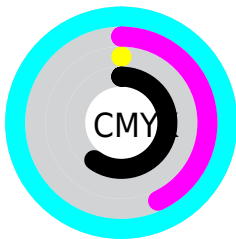
Distribution



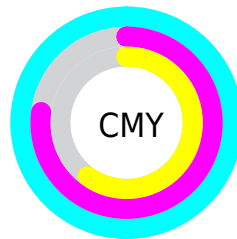
- Red (0%)
- Green (23%)
- Blue (40%)



- Red (0%)
- Yellow (15%)
- Blue (40%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5600, 27.3319, -39.9561 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 45.5600, 27.3319, -39.9561 by changing the saturation by 10% instead.

■ 45.5600, 27.3319,
-39.9561

■ 45.5600, 27.3319,
-39.9561

■ 255.0000, 0.0000,
0.0000

■ 30.4970, 22.9260,
-26.7459

■ 99.2950, 25.9836,
-27.4457

■ 14.9610, 19.2462,
-13.1208

■ 125.1210, 26.5623,
-26.4161

■ 4.8220, 13.3988,
-4.2289

■ 151.6480, 27.2885,
-26.0013

■ 0.4560, 1.7472,
-0.3999

■ 178.1750, 28.0147,
-25.5865

■ 0.0000, 0.0000,
0.0000

■ 205.2630, 24.5203,
-24.7867

■ 230.0710, 12.2900,

-21.9873

■ 248.7210, 3.0955,
-12.9103

■ 45.5600, 27.3319,
-39.9561

■ 50.8980, 24.7003,
-35.8675

■ 56.8230, 21.7793,
-32.2938

■ 62.1610, 19.1476,
-28.2052

■ 67.4990, 16.5160,
-24.1166

■ 73.1360, 13.7370,
-19.4133

■ 79.0610, 10.8159,
-15.8395

■ 84.3990, 8.1843,
-11.7509

■ 89.7370, 5.5527,
-7.6623

■ 95.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



48.5120, 23.4116, -42.5450



45.5600, 27.3319, -39.9561



57.1200, 18.1818, 1.6488

Triad

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



45.5600, 27.3319, -39.9561



55.0600, -10.8756, 35.0274



43.5260, -4.6963, -33.7873

Complementary

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



45.5600, 27.3319, -39.9561



55.4400, -27.3319, 39.9561

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.



50.9610, -17.7288, -6.9818



45.5600, 27.3319, -39.9561



54.4150, -19.4316, 25.9460

Square

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



45.5600, 27.3319, -39.9561



55.5190, -0.2559, 35.5018



53.2900, -23.3140, 11.1467



45.8270, 5.5083, -40.1903

Rectangle

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



45.5600, 27.3319, -39.9561



58.1390, 12.7495, 17.4181



53.2900, -23.3140, 11.1467



47.2240, -9.9704, -22.1214

Sweetspot

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



45.5600, 27.3319, -39.9561



108.3600, 10.6685, -15.2247



64.0750, -10.8830, -56.1938



52.9540, 6.4317, -9.6067



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



45.5600, 27.3319, -39.9561



58.8450, 35.0794, -51.6071



16.2100, 41.8015, -14.2162



48.3310, 1.3158, -2.0443



51.8520, 31.1320, -45.4742



109.1810, 65.4798, -95.7517

Inverse Universe

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



36.8110, 10.4462, 56.2938



47.4200, 13.5969, 72.4227



84.7900, -41.8015, 14.2162



47.8370, 0.5734, 2.7740



41.9090, 11.8769, 64.1008



88.2040, 25.0424, 134.8791

Previews

White Background



This preview shows how the YUV color 45.5600, 27.3319, -39.9561 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 45.5600, 27.3319, -39.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

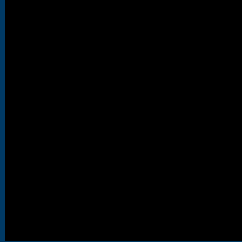
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5600, 27.3319, -39.9561

Background



This preview shows how black text looks on a background with the YUV color 45.5600, 27.3319, -39.9561.



This preview shows how white text looks on a background with the YUV color 45.5600, 27.3319,

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

45.5600, 27.3319, -39.9561

Protanopia

54.5200, 21.4356, -15.3650

Deuteranopia

49.7460, 25.2682, -31.3492



Tritanopia

44.6190, 11.0338, -39.1309

Trichromacy



Original Color

45.5600, 27.3319, -39.9561

Protanomaly

51.3340, 23.4993, -23.9719

Deuteranomaly

48.2510, 26.0053, -34.4231

Tritanomaly

44.8130, 16.8542, -39.3010

Monochromacy



Original Color

45.5600, 27.3319, -39.9561

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5450, 10.0843, -14.5100

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5600, 27.3319, -39.9561 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(0, 58, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 101)  
}
```

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(0, 58, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 101) }
```

Border

The CSS property to change the border of an element to YUV 45.5600, 27.3319, -39.9561 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(0, 58, 101) }
```


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

```
.border{ border-color:rgb(0, 58, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 101)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5600, 27.3319, -39.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 101) }
```

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

```
.background{ background-color: rgb(0, 58,  
101) }
```

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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