

Converting Colors

YUV(46.5610, 25.8524,
-32.0640)

Have a look what the booklet for
YUV(46.5610, 25.8524, -32.0640)
contains.

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Color

**YUV(46.5610, 25.8524,
-32.0640)**

Conversions

Conversions Part 1

Format	Color
Hex	0A3763
RGB	10, 55, 99
RGB Percent	4%, 22%, 39%
CMY	0.9608, 0.7843, 0.6118
CMYK	0.90, 0.44, 0.00, 0.61
HSL	210°, 82%, 21%
HSV	210°, 90%, 39%
XYZ	3.7435, 3.6978, 12.3208
YIQ	46.5610, -40.9440, 4.1440

Conversions

Conversions Part 2

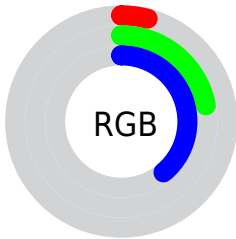
Format	Color
R_{YB}	10, 40, 99
Decimal	669539
CIE _{Lab}	22.65, 3.54, -30.11
CIE _{LCh}	23, 30.313, 276.707
Yxy	3.6978, 0.1894, 0.1871
Android (android.graphics.Color)	4278859619 (0xFF0A3763)
YUV	46.5610, 25.8524, -32.0640
Hunter-Lab	19.2296, 1.0976, -24.5278

Details

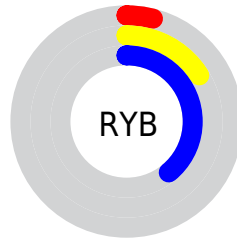
The YUV color **46.5610, 25.8524, -32.0640** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **62.4390, -25.8524, 32.0640**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.6160, 25.8253, -23.3422**, and **12.3850, 19.5302, -10.8616** is the 20% darker color. If you saturate the color by 10%, you get **40.6360, 28.7735, -35.6378**, and if you desaturate by 10%, it is **52.4860, 22.9314, -28.4902**.

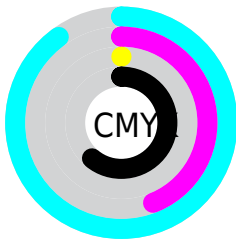
Distribution



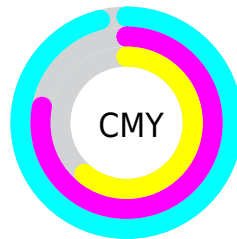
- Red (4%)
- Green (22%)
- Blue (39%)



- Red (4%)
- Yellow (16%)
- Blue (39%)



- Cyan (90%)
- Magenta (44%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5610, 25.8524, -32.0640 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 46.5610, 25.8524, -32.0640 by changing the saturation by 10% instead.

■ 46.5610, 25.8524,
-32.0640

■ 46.5610, 25.8524,
-32.0640

■ 255.0000, 0.0000,
0.0000

■ 28.5080, 22.9206,
-25.0015

■ 97.6160, 25.8253,
-23.3422

■ 12.3850, 19.5302,
-10.8616

■ 123.4420, 26.4041,
-22.3126

■ 4.5940, 12.5252,
-4.0289

■ 149.6700, 27.2777,
-22.5126

■ 0.0000, 0.0000,
0.0000

■ 176.7840, 27.7145,
-22.6126

■ 203.5130, 25.3831,
-21.4979

■ 228.6200, 13.0053,

-18.0837

■ 249.6180, 2.6533,
-11.0660

■ 46.5610, 25.8524,
-32.0640

■ 46.5610, 25.8524,
-32.0640

■ 40.6360, 28.7735,
-35.6378

■ 52.4860, 22.9314,
-28.4902

■ 58.4110, 20.0104,
-24.9164

■ 64.3360, 17.0894,
-21.3427

■ 70.2610, 14.1683,
-17.7689

■ 75.5990, 11.5367,
-13.6803

■ 81.2250, 8.7631,
-10.7213

■ 87.1500, 5.8421,
-7.1475

■ 93.0750, 2.9210,
-3.5738

■ 99.0000, 0.0000,
0.0000

Harmonies

Analogous

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



46.6370, 23.8430, -40.9006



46.5610, 25.8524, -32.0640



55.5010, 17.0080, 4.8226

Triad

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



46.5610, 25.8524, -32.0640



52.4190, -12.0386, 34.7125



41.5580, -3.2331, -36.4464

Complementary

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



46.5610, 25.8524, -32.0640



62.4390, -25.8524, 32.0640

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.



47.9930, -16.2655, -9.6409



46.5610, 25.8524, -32.0640



52.0620, -20.7366, 24.5016

Square

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



46.5610, 25.8524, -32.0640



52.8890, -1.4243, 36.9313



50.8660, -23.5979, 8.8875



44.8810, 6.9607, -39.3606

Rectangle

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



46.5610, 25.8524, -32.0640



55.5200, 11.5756, 20.5920



50.8660, -23.5979, 8.8875



44.0600, -7.9176, -27.2396

Sweetspot

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



46.5610, 25.8524, -32.0640



106.9690, 10.3683, -12.2508



67.1450, -6.9735, -50.1162



51.8510, 5.9895, -7.7623



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



46.5610, 25.8524, -32.0640



52.1600, 37.3891, -45.7443



20.7330, 38.5856, -9.4128



45.6300, 1.1684, -1.4295



46.2270, 32.4261, -40.5411



98.3870, 69.8152, -86.2854

Inverse Universe

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



41.7410, 6.5367, 50.2161



45.5680, 9.0870, 72.2929



88.2670, -38.5856, 9.4128



45.4240, 0.2840, 2.2592



39.9860, 8.3879, 63.1563



85.5540, 17.4749, 135.4491

Previews

White Background



This preview shows how the YUV color 46.5610, 25.8524, -32.0640 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 46.5610, 25.8524, -32.0640 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 46.5610, 25.8524, -32.0640

Background



This preview shows how black text looks on a background with the YUV color 46.5610, 25.8524, -32.0640.



This preview shows how white text looks on a background with the YUV color 46.5610, 25.8524,

-32.0640.

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

46.5610, 25.8524, -32.0640

Protanopia

52.3350, 22.0198, -16.0798

Deuteranopia

43.4570, 26.8897, -38.1118



Tritanopia

42.6300, 11.0284, -37.3865

Trichromacy



Original Color

46.5610, 25.8524, -32.0640

Protanomaly

50.3450, 23.4939, -22.2276

Deuteranomaly

44.6530, 26.3001, -35.6527

Tritanomaly

44.0200, 16.2591, -35.0975

Monochromacy



Original Color

46.5610, 25.8524, -32.0640

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0400, 9.3473, -11.4361

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5610, 25.8524, -32.0640 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(10, 55, 99)` looks like.

```
.text, #text, p{  
    color:rgb(10, 55, 99)  
}
```

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(10, 55, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 55, 99) }
```

Border

The CSS property to change the border of an element to YUV 46.5610, 25.8524, -32.0640 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(10, 55, 99) }
```


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

```
.border{ border-color:rgb(10, 55, 99) }
```

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

Here you see how a box with a 4 pixel rgb(10, 55, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 55, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 55, 99);  
box-shadow:4px 4px 4px 4px rgb(10, 55, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5610, 25.8524, -32.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 55, 99) }
```

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

```
.background{ background-color: rgb(10, 55,  
99) }
```

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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