

Converting Colors

YUV(53.1860, 41.3203,
-46.6441)

Have a look what the booklet for
YUV(53.1860, 41.3203, -46.6441)
contains.

YUV(53.1860, 41.3203, -46.6441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.1860, 41.3203,
-46.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	004089
RGB	0, 64, 137
RGB Percent	0%, 25%, 54%
CMY	1.0000, 0.7490, 0.4627
CMYK	1.00, 0.53, 0.00, 0.46
HSL	212°, 100%, 27%
HSV	212°, 100%, 54%
XYZ	6.3488, 5.4729, 24.3887
YIQ	53.1860, -61.5770, 9.1350

Conversions

Conversions Part 2

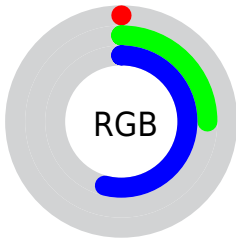
Format	Color
R_{YB}	0, 44, 137
Decimal	16521
CIE _{Lab}	28.04, 13.04, -45.53
CIE _{LCh}	28, 47.357, 285.978
Yxy	5.4729, 0.1753, 0.1511
Android (android.graphics.Color)	4278206601 (0xFF004089)
YUV	53.1860, 41.3203, -46.6441
Hunter-Lab	23.3943, 7.5013, -45.4341

Details

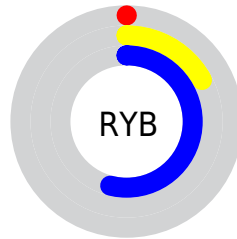
The YUV color **53.1860, 41.3203, -46.6441** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.8140, -41.3203, 46.6441**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8510, 39.5135, -27.0563**, and **23.3050, 30.9086, -20.4385** is the 20% darker color. If you saturate the color by 10%, you get **53.1860, 41.3203, -46.6441**, and if you desaturate by 10%, it is **61.4810, 37.2309, -41.6408**.

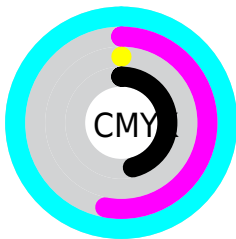
Distribution



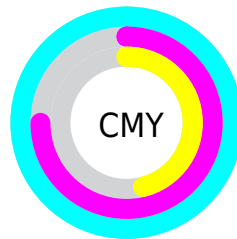
- Red (0%)
- Green (25%)
- Blue (54%)



- Red (0%)
- Yellow (17%)
- Blue (54%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (75%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1860, 41.3203, -46.6441 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 53.1860, 41.3203, -46.6441 by changing the saturation by 10% instead.

■ 53.1860, 41.3203,
-46.6441

■ 53.1860, 41.3203,
-46.6441

■ 255.0000, 0.0000,
0.0000

■ 37.8950, 36.0408,
-33.2339

■ 110.8510, 39.5135,
-27.0563

■ 23.3050, 30.9086,
-20.4385

■ 137.0900, 40.3816,
-25.5119

■ 8.8290, 26.2133,
-7.7430

■ 164.3290, 41.2498,
-23.9675

■ 6.3210, 16.6037,
-5.5435

■ 189.3480, 32.3664,
-21.3532

■ 2.5250, 7.1362,
-2.2144

■ 214.4550, 19.9887,
-17.9390

■ 0.0000, 0.0000,
0.0000

■ 239.5620, 7.6109,

-14.5249

254.4020, 0.2948,
-1.2296

■ 53.1860, 41.3203,
-46.6441

■ 61.4810, 37.2309,
-41.6408

■ 70.0640, 32.9994,
-37.7671

■ 78.3590, 28.9100,
-32.7638

■ 86.6540, 24.8206,
-27.7606

■ 94.9490, 20.7311,
-22.7573

■ 103.5320, 16.4997,
-18.8836

■ 111.8270, 12.4103,
-13.8803

■ 120.1220, 8.3209,
-8.8770

■ 128.7050, 4.0894,
-5.0033

Harmonies

Analogous

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



59.6430, 38.1370, -52.3069



53.1860, 41.3203, -46.6441



67.5490, 24.3793, 20.5665

Triad

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



53.1860, 41.3203, -46.6441



60.5430, -23.4387, 51.2668



52.9050, -2.9112, -46.3977

Complementary

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



53.1860, 41.3203, -46.6441



83.8140, -41.3203, 46.6441

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.



50.0580, -21.7206, -33.3769



53.1860, 41.3203, -46.6441



62.7500, -30.9357, 29.1603

Square

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



53.1860, 41.3203, -46.6441



57.0710, -3.9790, 63.0817



60.2260, -29.6914, 3.3098



57.8240, 13.3978, -50.7116

Rectangle

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



53.1860, 41.3203, -46.6441



63.9280, 16.3045, 43.9131



60.2260, -29.6914, 3.3098



50.8360, -8.3001, -44.5832

Sweetspot

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



53.1860, 41.3203, -46.6441



145.8310, 16.3523, -18.2688



88.5130, -8.6339, -77.6259



69.4530, 9.6367, -10.9213



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



53.1860, 41.3203, -46.6441



69.1270, 54.1674, -60.6244



16.2160, 59.5465, -12.4674



64.5590, 2.1894, -2.2442



51.5560, 40.1519, -45.2146



1.7440, 1.6052, -1.5295

Inverse Universe

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



48.2590, 7.7603, 77.8259



62.9830, 9.8684, 101.7469



120.7840, -59.5465, 12.4674



64.4350, 0.2785, 4.0035



46.8350, 7.4763, 75.5667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 53.1860, 41.3203, -46.6441 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 53.1860, 41.3203, -46.6441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

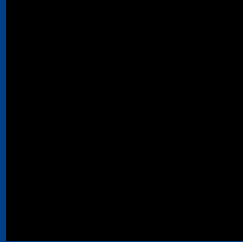
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.1860, 41.3203, -46.6441

Background



This preview shows how black text looks on a background with the YUV color 53.1860, 41.3203, -46.6441.



This preview shows how white text looks on a background with the YUV color 53.1860, 41.3203, -46.6441.

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

53.1860, 41.3203, -46.6441

Protanopia

53.1860, 41.3203, -46.6441

Deuteranopia

53.3680, 31.8636, -46.8037



Tritanopia

52.4440, 13.0921, -45.9934

Trichromacy



Original Color

53.1860, 41.3203, -46.6441

Protanomaly

53.1860, 41.3203, -46.6441

Deuteranomaly

53.5790, 35.2106, -46.9888

Tritanomaly

52.4900, 23.4224, -46.0337

Monochromacy



Original Color

53.1860, 41.3203, -46.6441

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1860, 41.3203, -46.6441 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, 64, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 137)  
}
```

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, 64, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 137) }
```

Border

The CSS property to change the border of an element to YUV 53.1860, 41.3203, -46.6441 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, 64, 137) }
```


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

```
.border{ border-color:rgb(0, 64, 137) }
```

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

Here you see how a box with a 4 pixel rgb(0, 64, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 137)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.1860, 41.3203, -46.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 137) }
```

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

```
.background{ background-color: rgb(0, 64,  
137) }
```

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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