

Converting Colors

YUV(53.0460, 36.9523,
-45.6443)

Have a look what the booklet for
YUV(53.0460, 36.9523, -45.6443)
contains.

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Color

**YUV(53.0460, 36.9523,
-45.6443)**

Conversions

Conversions Part 1

Format	Color
Hex	014180
RGB	1, 65, 128
RGB Percent	0%, 25%, 50%
CMY	0.9961, 0.7451, 0.4980
CMYK	0.99, 0.49, 0.00, 0.50
HSL	210°, 98%, 25%
HSV	210°, 99%, 50%
XYZ	5.7991, 5.3456, 21.1482
YIQ	53.0460, -58.3670, 6.0250

Conversions

Conversions Part 2

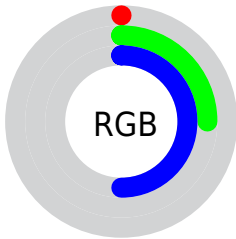
Format	Color
R_{YB}	1, 44, 128
Decimal	82304
CIE _{Lab}	27.70, 8.49, -40.48
CIE _{LCh}	28, 41.365, 281.841
Yxy	5.3456, 0.1796, 0.1655
Android (android.graphics.Color)	4278272384 (0xFF014180)
YUV	53.0460, 36.9523, -45.6443
Hunter-Lab	23.1205, 4.3107, -38.0481

Details

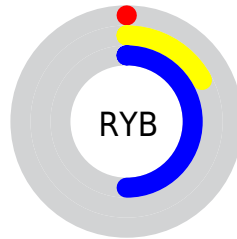
The YUV color **53.0460, 36.9523, -45.6443** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.9540, -36.9523, 45.6443**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.4010, 35.2983, -28.4157**, and **22.9800, 27.1249, -20.1535** is the 20% darker color. If you saturate the color by 10%, you get **52.7470, 37.0997, -46.2591**, and if you desaturate by 10%, it is **60.4550, 33.2997, -40.7410**.

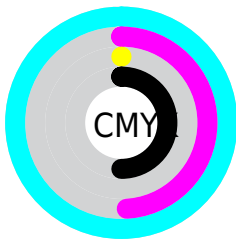
Distribution



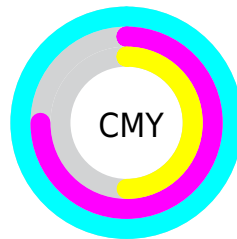
- Red (0%)
- Green (25%)
- Blue (50%)



- Red (0%)
- Yellow (17%)
- Blue (50%)



- Cyan (99%)
- Magenta (49%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.0460, 36.9523, -45.6443 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 53.0460, 36.9523, -45.6443 by changing the saturation by 10% instead.

■ 53.0460, 36.9523,
-45.6443

■ 53.0460, 36.9523,
-45.6443

■ 255.0000, 0.0000,
0.0000

■ 36.9830, 32.5464,
-32.4341

■ 109.4010, 35.2983,
-28.4157

■ 22.9800, 27.1249,
-20.1535

■ 135.6400, 36.1665,
-26.8713

■ 9.2050, 22.5769,
-8.0728

■ 163.1670, 36.8927,
-26.4565

■ 4.8220, 13.3988,
-4.2289

■ 189.3260, 32.3773,
-24.8419

■ 0.5700, 2.1840,
-0.4999

■ 213.8460, 20.2889,
-20.9129

■ 0.0000, 0.0000,
0.0000

■ 239.5400, 7.6218,

-18.0136

253.2060, 0.8844,
-3.6887

53.0460, 36.9523,
-45.6443

53.0460, 36.9523,
-45.6443

52.7470, 37.0997,
-46.2591

60.4550, 33.2997,
-40.7410

68.4510, 29.3577,
-36.3525

75.5610, 25.8524,
-32.0640

82.9700, 22.1998,
-27.1607

90.9660, 18.2578,
-22.7722

■ 98.3750, 14.6051,
-17.8689

■ 105.7840, 10.9525,
-12.9656

■ 113.4810, 7.1579,
-9.1918

■ 120.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



57.8020, 33.6216, -50.6924



53.0460, 36.9523, -45.6443



67.3370, 22.5119, 12.8595

Triad

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



53.0460, 36.9523, -45.6443



61.4760, -18.4757, 46.0635



51.3890, -3.6428, -45.0682

Complementary

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



53.0460, 36.9523, -45.6443



75.9540, -36.9523, 45.6443

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.



54.9610, -21.1798, -20.1368



53.0460, 36.9523, -45.6443



62.1630, -30.6464, 29.6750

Square

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



53.0460, 36.9523, -45.6443



60.5320, -3.2203, 53.0304



60.5470, -29.8497, 7.4133



55.8520, 10.9190, -48.9822

Rectangle

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



53.0460, 36.9523, -45.6443



65.8190, 14.8792, 34.3617



60.5470, -29.8497, 7.4133



49.6620, -7.7214, -43.5536

Sweetspot

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



53.0460, 36.9523, -45.6443



136.3750, 14.6051, -17.8689



82.5030, -10.1080, -71.4781



66.2250, 8.7631, -10.7213



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



53.0460, 36.9523, -45.6443



68.2320, 48.1996, -59.8395



16.6520, 54.8946, -13.7268



60.1460, 1.9000, -2.7590



52.1600, 37.3891, -45.7443



0.0000, 0.0000, 0.0000

Inverse Universe

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



46.2690, 9.2344, 71.6781



59.2100, 12.2215, 93.6548



112.3480, -54.8946, 13.7268



59.5490, 0.7153, 3.9035



45.5680, 9.0870, 72.2929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 53.0460, 36.9523, -45.6443 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 53.0460, 36.9523, -45.6443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

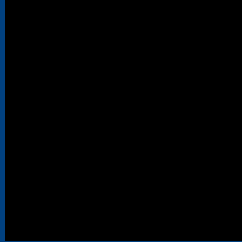
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.0460, 36.9523, -45.6443

Background



This preview shows how black text looks on a background with the YUV color 53.0460, 36.9523, -45.6443.



This preview shows how white text looks on a background with the YUV color 53.0460, 36.9523, -45.6443.

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

53.0460, 36.9523, -45.6443

Protanopia

60.7170, 32.6775, -27.8158

Deuteranopia

52.6670, 31.7162, -46.1890



Tritanopia

51.7430, 12.9447, -45.3786

Trichromacy



Original Color

53.0460, 36.9523, -45.6443

Protanomaly

57.7270, 34.1516, -33.9636

Deuteranomaly

52.5360, 33.7528, -46.0741

Tritanomaly

52.0340, 21.6752, -45.6338

Monochromacy



Original Color

53.0460, 36.9523, -45.6443

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7450, 13.4367, -16.4394

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.0460, 36.9523, -45.6443 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(1, 65, 128)` looks like.

```
.text, #text, p{  
    color:rgb(1, 65, 128)  
}
```

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(1, 65, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 65, 128) }
```

Border

The CSS property to change the border of an element to YUV 53.0460, 36.9523, -45.6443 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(1, 65, 128) }
```


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

```
.border{ border-color:rgb(1, 65, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 65, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 65, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 65, 128);  
box-shadow:4px 4px 4px 4px rgb(1, 65, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.0460, 36.9523, -45.6443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 65, 128) }
```

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

```
.background{ background-color: rgb(1, 65,  
128) }
```

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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