

Converting Colors

YUV(73.8260, 43.9628,
-54.2214)

Have a look what the booklet for
YUV(73.8260, 43.9628, -54.2214)
contains.

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Color

**YUV(73.8260, 43.9628,
-54.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	0C58A3
RGB	12, 88, 163
RGB Percent	5%, 35%, 64%
CMY	0.9529, 0.6549, 0.3608
CMYK	0.93, 0.46, 0.00, 0.36
HSL	210°, 86%, 34%
HSV	210°, 93%, 64%
XYZ	10.2522, 9.7020, 35.9826
YIQ	73.8260, -69.3710, 7.2130

Conversions

Conversions Part 2

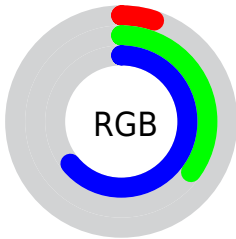
Format	Color
R_{YB}	12, 63, 163
Decimal	809123
CIE Lab	37.30, 8.26, -46.37
CIE LCh	37, 47.104, 280.100
Yxy	9.7020, 0.1833, 0.1734
Android (android.graphics.Color)	4278999203 (0xFF0C58A3)
YUV	73.8260, 43.9628, -54.2214
Hunter-Lab	31.1480, 4.2435, -46.6892

Details

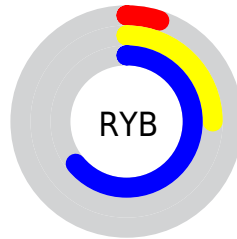
The YUV color **73.8260, 43.9628, -54.2214** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **101.1740, -43.9628, 54.2214**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1810, 42.3088, -36.9927**, and **38.4820, 35.7514, -33.7487** is the 20% darker color. If you saturate the color by 10%, you get **66.7160, 47.4680, -58.5099**, and if you desaturate by 10%, it is **83.3060, 39.2891, -48.5034**.

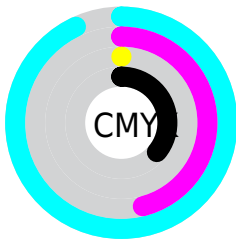
Distribution



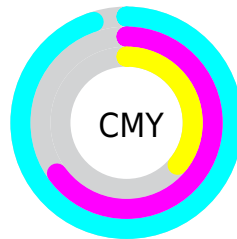
- Red (5%)
- Green (35%)
- Blue (64%)



- Red (5%)
- Yellow (25%)
- Blue (64%)



- Cyan (93%)
- Magenta (46%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8260, 43.9628, -54.2214 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 73.8260, 43.9628, -54.2214 by changing the saturation by 10% instead.

■ 73.8260, 43.9628,
-54.2214

■ 73.8260, 43.9628,
-54.2214

■ 255.0000, 0.0000,
0.0000

■ 53.6590, 40.5941,
-47.0589

■ 132.1810, 42.3088,
-36.9927

■ 38.4820, 35.7514,
-33.7487

■ 159.7190, 43.0295,
-34.8336

■ 23.8920, 30.6192,
-20.9533

■ 185.1510, 34.4356,
-31.7044

■ 10.5900, 25.3451,
-9.2874

■ 210.2580, 22.0578,
-28.2903

■ 6.2070, 16.1669,
-5.4435

■ 235.6640, 9.5326,
-24.2613

■ 2.4110, 6.6994,
-2.1144

■ 249.6180, 2.6533,

■ 0.0000, 0.0000,

-11.0660

0.0000

■ 73.8260, 43.9628,
-54.2214

■ 73.8260, 43.9628,
-54.2214

■ 66.7160, 47.4680,
-58.5099

■ 83.3060, 39.2891,
-48.5034

■ 93.0850, 34.4681,
-42.1705

■ 102.5650, 29.7945,
-36.4525

■ 112.0450, 25.1208,
-30.7345

■ 121.8240, 20.2998,
-24.4016

■ 131.8910, 15.3367,
-19.1984

■ 141.3710, 10.6631,
-13.4804

■ 150.8510, 5.9895,
-7.7623

■ 160.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



76.2390, 40.8012, -66.8616



73.8260, 43.9628, -54.2214



90.3030, 27.4586, 12.8893

Triad

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



73.8260, 43.9628, -54.2214



84.1460, -21.2710, 56.0000



67.8880, -3.8888, -59.5378

Complementary

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



73.8260, 43.9628, -54.2214



101.1740, -43.9628, 54.2214

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.



76.2830, -26.2685, -21.2962



73.8260, 43.9628, -54.2214



83.0840, -37.5094, 37.6373

Square

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



73.8260, 43.9628, -54.2214



83.8860, -3.3948, 62.3670



80.9360, -39.9014, 11.4571



73.0350, 13.2937, -64.0517

Rectangle

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



73.8260, 43.9628, -54.2214



89.3510, 18.0680, 38.2802



80.9360, -39.9014, 11.4571



65.3460, -8.5516, -57.3084

Sweetspot

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



73.8260, 43.9628, -54.2214



176.4500, 17.5262, -21.4426



108.9590, -11.8118, -85.0330



85.6700, 10.5157, -12.8656



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



73.8260, 43.9628, -54.2214



86.9770, 61.6363, -76.2788



30.9750, 65.0883, -16.6411



76.9610, 2.4842, -3.4738



59.3810, 42.2102, -52.0771



7.3350, 5.2578, -6.4328

Inverse Universe

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



65.8130, 10.9382, 85.2330



75.5860, 15.4871, 119.6351



144.0250, -65.0883, 16.6411



76.2610, 0.8573, 5.0331



51.6770, 10.5122, 81.8443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 73.8260, 43.9628, -54.2214 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 73.8260, 43.9628, -54.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

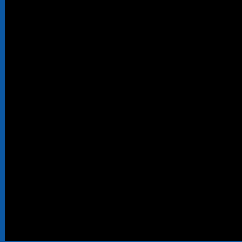
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8260, 43.9628, -54.2214

Background



This preview shows how black text looks on a background with the YUV color 73.8260, 43.9628, -54.2214.



This preview shows how white text looks on a background with the YUV color 73.8260, 43.9628,

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

73.8260, 43.9628, -54.2214

Protanopia

83.0850, 37.9191, -29.0155

Deuteranopia

70.1410, 42.8215, -61.5137



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

73.8260, 43.9628, -54.2214

Protanomaly

79.6000, 40.1302, -38.2372

Deuteranomaly

71.5650, 43.1055, -59.2545

Tritanomaly

70.6240, 26.8074, -58.4292

Monochromacy



Original Color

73.8260, 43.9628, -54.2214

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7060, 15.9209, -19.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8260, 43.9628, -54.2214 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(12, 88, 163)` looks like.

```
.text, #text, p{  
    color:rgb(12, 88, 163)  
}
```

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(12, 88, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 88, 163) }
```

Border

The CSS property to change the border of an element to YUV 73.8260, 43.9628, -54.2214 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(12, 88, 163) }
```


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

```
.border{ border-color:rgb(12, 88, 163) }
```

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

Here you see how a box with a 4 pixel rgb(12, 88, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 88, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 88, 163);  
box-shadow:4px 4px 4px 4px rgb(12, 88,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 73.8260, 43.9628, -54.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 88, 163) }
```

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

```
.background{ background-color: rgb(12, 88,  
163) }
```

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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