

Converting Colors

YUV(90.8490, -4.3626, -0.7446)

Have a look what the booklet for
YUV(90.8490, -4.3626, -0.7446)
contains.

YUV(90.8490, -4.3626, -0.7446)	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(90.8490, -4.3626,
-0.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5D52
RGB	90, 93, 82
RGB Percent	35%, 36%, 32%
CMY	0.6471, 0.6353, 0.6784
CMYK	0.03, 0.00, 0.12, 0.64
HSL	76°, 6%, 34%
HSV	76°, 12%, 36%
XYZ	9.6538, 10.6116, 9.5221
YIQ	90.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

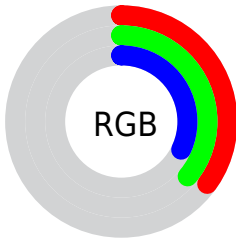
Format	Color
R_{YB}	82, 93, 85
Decimal	5922130
CIE Lab	38.92, -3.43, 5.91
CIE LCh	39, 6.836, 120.123
Yxy	10.6116, 0.3241, 0.3562
Android (android.graphics.Color)	4284112210 (0xFF5A5D52)
YUV	90.8490, -4.3626, -0.7446
Hunter-Lab	32.5754, -4.1080, 5.4718

Details

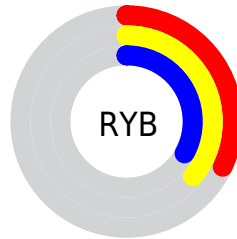
The YUV color **90.8490, -4.3626, -0.7446** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.1510, 4.3626, 0.7446**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7350, -4.7994, -0.6446**, and **44.9630, -3.9258, -0.8446** is the 20% darker color. If you saturate the color by 10%, you get **88.9260, -7.8515, -1.6891**, and if you desaturate by 10%, it is **92.7720, -0.8736, 0.2000**.

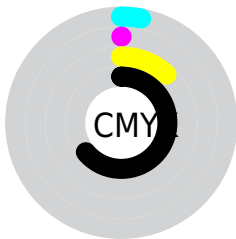
Distribution



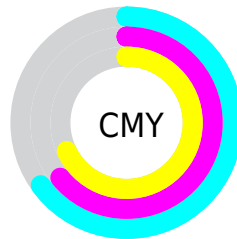
- Red (35%)
- Green (36%)
- Blue (32%)



- Red (32%)
- Yellow (36%)
- Blue (33%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (64%)



- Cyan (65%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.8490, -4.3626, -0.7446 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 90.8490, -4.3626, -0.7446 by changing the saturation by 10% instead.

■ 90.8490, -4.3626,
-0.7446

■ 90.8490, -4.3626,
-0.7446

■ 255.0000, 0.0000,
0.0000

■ 67.2620, -4.0732,
-0.2298

■ 140.7350, -4.7994,
-0.6446

■ 44.9630, -3.9258,
-0.8446

■ 167.3220, -5.0887,
-1.1594

■ 24.3760, -3.6364,
-0.3298

■ 194.6210, -5.2362,
-0.5446

■ 0.0000, 0.0000,
0.0000

■ 222.3220, -5.0887,
-1.1594

■ 251.2080, -5.5255,
-1.0594

■ 90.8490, -4.3626,
-0.7446

■ 90.8490, -4.3626,
-0.7446

■ 88.9260, -7.8515,
-1.6891

■ 92.7720, -0.8736,
0.2000

■ 87.1880, -11.9247,
-1.9189

■ 94.5100, 3.1996,
0.4297

■ 85.2650, -15.4136,
-2.8634

■ 96.4330, 6.6885,
1.3743

■ 83.6410, -19.0500,
-3.1932

■ 98.0570, 10.3249,
1.7040

■ 81.7180, -22.5390,
-4.1377

■ 100.0940, 14.2507,
2.5486

■ 79.9800, -26.6121,
-4.3675

■ 101.7180, 17.8870,
2.8783

■ 78.0570, -30.1011,
-5.3120

■ 103.6410, 21.3760,
3.8228

■ 76.4330, -33.7375,

■ 105.2650, 25.0124,

-5.6417

4.1526

■ 74.9230, -36.9370,
-6.0715

■ 107.3020, 28.9381,
4.9971

Harmonies

Analogous

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



91.3550, -5.1050, 4.0737



90.8490, -4.3626, -0.7446



90.0980, -2.0203, -5.3479

Triad

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



90.8490, -4.3626, -0.7446



90.6120, 5.1213, -9.3067



92.9410, -0.4639, 8.8217

Complementary

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



90.8490, -4.3626, -0.7446



84.1510, 4.3626, 0.7446

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.



92.9020, 2.0203, 5.3479



90.8490, -4.3626, -0.7446



91.4600, 5.6892, -4.7884

Square

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



90.8490, -4.3626, -0.7446



90.1450, 3.3795, -10.6512



92.1510, 4.3626, 0.7446



92.5560, -3.2321, 10.0364

Rectangle

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



90.8490, -4.3626, -0.7446



89.9450, 0.0271, -8.7218



92.1510, 4.3626, 0.7446



92.8700, 0.5571, 8.0070

Sweetspot

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



90.8490, -4.3626, -0.7446



119.1310, -2.0366, -0.1149



87.0500, -2.4896, 5.2182



60.3590, -1.1630, -0.3148



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



90.8490, -4.3626, -0.7446



116.5670, -6.6885, -1.3743



89.3540, -3.6255, -3.8185



45.1310, -2.0366, -0.1149



88.4900, -43.6256, -7.4457



190.5470, -93.9397, -16.2657

Inverse Universe

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



84.1510, 4.3626, 0.7446



106.4330, 6.6885, 1.3743



85.6460, 3.6255, 3.8185



42.1680, 1.8892, 0.7297



21.5100, 43.6256, 7.4457



46.4530, 93.9397, 16.2657

Previews

White Background



This preview shows how the YUV color 90.8490, -4.3626, -0.7446 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 × Fail

Black Background



This preview shows how the YUV color 90.8490, -4.3626, -0.7446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

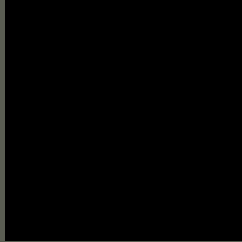
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.8490, -4.3626, -0.7446

Background



This preview shows how black text looks on a background with the YUV color 90.8490, -4.3626, -0.7446.



This preview shows how white text looks on a background with the YUV color 90.8490, -4.3626, -0.7446.

-0.7446.

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

90.8490, -4.3626, -0.7446

Protanopia

91.3550, -5.1050, 4.0737

Deuteranopia

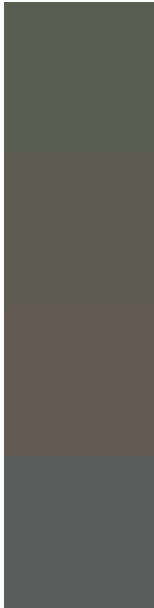
92.2140, -4.5425, 10.3363



Tritanopia

92.0970, 2.9102, -0.0851

Trichromacy



Original Color

90.8490, -4.3626, -0.7446

Protanomaly

91.3440, -5.0996, 2.3293

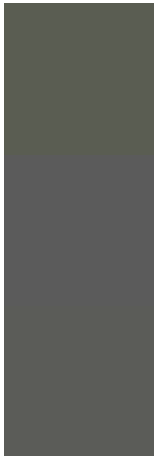
Deuteranomaly

91.8930, -4.3842, 6.2328

Tritanomaly

91.7010, 0.1474, -0.6148

Monochromacy



Original Color

90.8490, -4.3626, -0.7446

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.8490, -4.3626, -0.7446 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(90, 93, 82)` looks like.

```
.text, #text, p{  
    color:rgb(90, 93, 82)  
}
```

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(90, 93, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 93, 82) }
```

Border

The CSS property to change the border of an element to YUV 90.8490, -4.3626, -0.7446 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(90, 93, 82) }
```


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

```
.border{ border-color:rgb(90, 93, 82) }
```

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

Here you see how a box with a 4 pixel rgb(90, 93, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 93, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 93, 82);  
box-shadow:4px 4px 4px 4px rgb(90, 93, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.8490, -4.3626, -0.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 93, 82) }
```

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

```
.background{ background-color: rgb(90, 93,  
82) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor