

Converting Colors

YUV(64.6860, 22.8328,
-43.5746)

Have a look what the booklet for
YUV(64.6860, 22.8328, -43.5746)
contains.

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Color

**YUV(64.6860, 22.8328,
-43.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	0F516F
RGB	15, 81, 111
RGB Percent	6%, 32%, 44%
CMY	0.9412, 0.6824, 0.5647
CMYK	0.86, 0.27, 0.00, 0.56
HSL	199°, 76%, 25%
HSV	199°, 86%, 44%
XYZ	6.0087, 7.1341, 16.0993
YIQ	64.6860, -48.9660, -4.6620

Conversions

Conversions Part 2

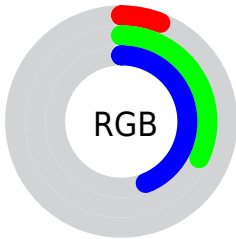
Format	Color
R_YB	15, 54, 111
Decimal	1003887
CIE _{Lab}	32.11, -8.19, -22.81
CIE _{LCh}	32, 24.235, 250.248
Yxy	7.1341, 0.2055, 0.2440
Android (android.graphics.Color)	4279193967 (0xFF0F516F)
YUV	64.6860, 22.8328, -43.5746
Hunter-Lab	26.7098, -6.5864, -17.0401

Details

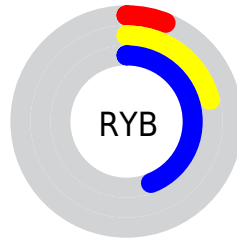
The YUV color **64.6860, 22.8328, -43.5746** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **61.3140, -22.8328, 43.5746**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9150, 22.2269, -35.8825**, and **28.9010, 16.8108, -25.3462** is the 20% darker color. If you saturate the color by 10%, you get **59.6360, 25.3225, -48.7928**, and if you desaturate by 10%, it is **69.7360, 20.3432, -38.3565**.

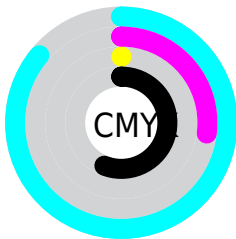
Distribution



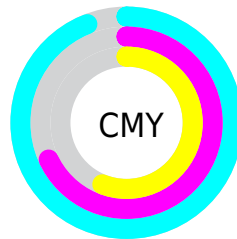
- Red (6%)
- Green (32%)
- Blue (44%)



- Red (6%)
- Yellow (21%)
- Blue (44%)



- Cyan (86%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (94%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6860, 22.8328, -43.5746 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 64.6860, 22.8328, -43.5746 by changing the saturation by 10% instead.

64.6860, 22.8328,
-43.5746

64.6860, 22.8328,
-43.5746

255.0000, 0.0000,
0.0000

43.8500, 20.7799,
-38.4565

117.9150, 22.2269,
-35.8825

28.9010, 16.8108,
-25.3462

144.3280, 22.5163,
-35.3677

14.0660, 13.2785,
-12.3359

171.4420, 22.9531,
-35.4676

2.8670, 8.4466,
-2.5144

199.4420, 22.9531,
-35.4676

0.0000, 0.0000,
0.0000

225.2760, 14.6539,
-33.5681

243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

64.6860, 22.8328,
-43.5746

64.6860, 22.8328,
-43.5746

59.6360, 25.3225,
-48.7928

69.7360, 20.3432,
-38.3565

57.2660, 26.4909,
-50.2223

75.3730, 17.5641,
-33.6531

80.4230, 15.0745,
-28.4350

86.0600, 12.2954,
-23.7316

91.1100, 9.8058,
-18.5135

■ 97.0460, 6.8793,
-13.1953

■ 102.0960, 4.3897,
-7.9772

■ 107.7330, 1.6106,
-3.2738

■ 112.7830, -0.8790,
1.9443

Harmonies

Analogous

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



60.7080, 19.3710, -53.2409



64.6860, 22.8328, -43.5746



73.9500, 19.2516, -14.8652

Triad

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



64.6860, 22.8328, -43.5746



76.6880, -3.2972, 30.9686



71.3180, -12.4818, -9.9259

Complementary

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



64.6860, 22.8328, -43.5746



61.3140, -22.8328, 43.5746

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.



73.6360, -18.0615, 6.4582



64.6860, 22.8328, -43.5746



76.0870, -11.8749, 28.8647

Square

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



64.6860, 22.8328, -43.5746



77.6360, 5.6025, 23.1212



74.9520, -17.2313, 20.2131



67.4280, -2.6760, -28.4394

Rectangle

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



64.6860, 22.8328, -43.5746



77.0120, 15.2771, -0.0105



74.9520, -17.2313, 20.2131



72.0800, -14.8294, -3.5782

Sweetspot

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



64.6860, 22.8328, -43.5746



127.4800, 8.6374, -17.0840



74.6580, -15.1144, -52.3201



63.0140, 5.4161, -10.5363



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



64.6860, 22.8328, -43.5746



75.2300, 34.3966, -65.9767



37.0970, 36.4342, -19.3791



53.0320, 1.4632, -2.6591



61.8140, 28.6857, -54.2109



127.9480, 58.6926, -112.2104

Inverse Universe

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



51.2280, 14.6776, 52.4200



54.7550, 22.3058, 79.1449



88.9030, -36.4342, 19.3791



52.2500, 0.8628, 3.2888



45.2280, 18.1286, 65.5750



93.2330, 37.8461, 134.8537

Previews

White Background



This preview shows how the YUV color 64.6860, 22.8328, -43.5746 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 64.6860, 22.8328, -43.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

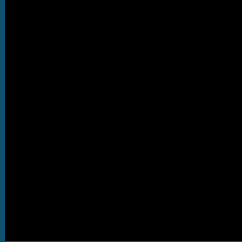
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6860, 22.8328, -43.5746

Background



This preview shows how black text looks on a background with the YUV color 64.6860, 22.8328, -43.5746.



This preview shows how white text looks on a background with the YUV color 64.6860, 22.8328, -43.5746.

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

64.6860, 22.8328, -43.5746

Protanopia

75.2560, 15.1568, -8.1175

Deuteranopia

74.4340, 18.5200, -13.5356



Tritanopia

59.5680, 15.0030, -52.2411

Trichromacy



Original Color

64.6860, 22.8328, -43.5746

Protanomaly

71.5640, 17.9629, -21.5426

Deuteranomaly

70.8240, 20.2998, -24.4016

Tritanomaly

61.3880, 18.0497, -49.4523

Monochromacy



Original Color

64.6860, 22.8328, -43.5746

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0780, 8.3425, -15.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6860, 22.8328, -43.5746 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(15, 81, 111)` looks like.

```
.text, #text, p{  
    color:rgb(15, 81, 111)  
}
```

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(15, 81, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 81, 111) }
```

Border

The CSS property to change the border of an element to YUV 64.6860, 22.8328, -43.5746 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(15, 81, 111) }
```


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

```
.border{ border-color:rgb(15, 81, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 81, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 81, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 81, 111);  
box-shadow:4px 4px 4px 4px rgb(15, 81,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 64.6860, 22.8328, -43.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 81, 111) }
```

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

```
.background{ background-color: rgb(15, 81,  
111) }
```

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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