

Converting Colors

YUV(64.1260, 22.1229,
-49.2225)

Have a look what the booklet for
YUV(64.1260, 22.1229, -49.2225)
contains.

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Color

**YUV(64.1260, 22.1229,
-49.2225)**

Conversions

Conversions Part 1

Format	Color
Hex	08546D
RGB	8, 84, 109
RGB Percent	3%, 33%, 43%
CMY	0.9686, 0.6706, 0.5725
CMYK	0.93, 0.23, 0.00, 0.57
HSL	195°, 86%, 23%
HSV	195°, 93%, 43%
XYZ	6.0308, 7.4964, 15.5971
YIQ	64.1260, -53.3210, -8.3370

Conversions

Conversions Part 2

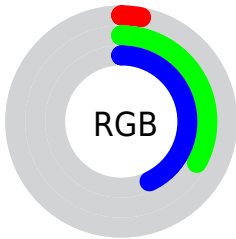
Format	Color
RYB	8, 51, 109
Decimal	545901
CIELab	32.91, -11.40, -20.32
CIELCh	33, 23.296, 240.706
Yxy	7.4964, 0.2071, 0.2574
Android (android.graphics.Color)	4278735981 (0xFF08546D)
YUV	64.1260, 22.1229, -49.2225
Hunter-Lab	27.3796, -8.5968, -14.6096

Details

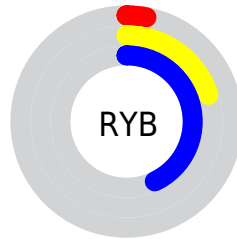
The YUV color **64.1260, 22.1229, -49.2225** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **52.8740, -22.1229, 49.2225**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1380, 20.6380, -39.5860**, and **29.8470, 15.3584, -26.1758** is the 20% darker color. If you saturate the color by 10%, you get **60.5600, 23.8809, -53.1111**, and if you desaturate by 10%, it is **69.1760, 19.6332, -44.0044**.

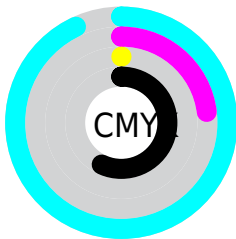
Distribution



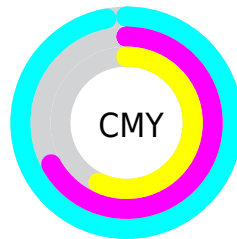
- Red (3%)
- Green (33%)
- Blue (43%)



- Red (3%)
- Yellow (20%)
- Blue (43%)



- Cyan (93%)
- Magenta (23%)
- Yellow (0%)
- Black (57%)



- Cyan (97%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1260, 22.1229, -49.2225 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 64.1260, 22.1229, -49.2225 by changing the saturation by 10% instead.

64.1260, 22.1229,
-49.2225

64.1260, 22.1229,
-49.2225

255.0000, 0.0000,
0.0000

45.4970, 19.4750,
-39.9009

119.1380, 20.6380,
-39.5860

29.8470, 15.3584,
-26.1758

145.8500, 20.7800,
-38.4564

15.5990, 11.5367,
-13.6803

172.8500, 20.7800,
-38.4564

2.6390, 7.5730,
-2.3144

200.3770, 21.5061,
-38.0416

0.0000, 0.0000,
0.0000

227.0260, 13.7912,
-36.8568

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

64.1260, 22.1229,
-49.2225

64.1260, 22.1229,
-49.2225

60.5600, 23.8809,
-53.1111

69.1760, 19.6332,
-44.0044

73.6390, 17.4330,
-38.2714

78.6890, 14.9433,
-33.0533

83.7390, 12.4537,
-27.8351

88.2020, 10.2534,
-22.1022

■ 92.9530, 7.9112,
-17.4988

■ 98.0030, 5.4215,
-12.2806

■ 103.0530, 2.9319,
-7.0625

■ 107.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



62.0130, 16.7556, -54.3854



64.1260, 22.1229, -49.2225



74.3190, 19.5627, -21.3278

Triad

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



64.1260, 22.1229, -49.2225



79.3610, -0.6710, 28.6244



74.1940, -14.3926, -3.6781

Complementary

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



64.1260, 22.1229, -49.2225



52.8740, -22.1229, 49.2225

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.



75.7830, -17.6410, 11.5913



64.1260, 22.1229, -49.2225



78.4830, -9.1121, 29.3944

Square

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



64.1260, 22.1229, -49.2225



79.8850, 7.9447, 18.5179



77.4300, -15.4950, 23.3019



70.6740, -5.7553, -20.7621

Rectangle

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



64.1260, 22.1229, -49.2225



78.0220, 16.7512, -6.1583



77.4300, -15.4950, 23.3019



74.4720, -16.0087, 1.3401

Sweetspot

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



64.1260, 22.1229, -49.2225



125.1700, 8.7902, -19.4431



70.0230, -18.7453, -54.3942



60.3020, 5.2741, -11.6659



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



64.1260, 22.1229, -49.2225



79.1110, 31.4973, -69.3803



35.3630, 36.3030, -23.9974



51.0320, 1.4632, -2.6591



64.9940, 25.6390, -56.9997



135.9380, 53.7676, -119.2176

Inverse Universe

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



46.8630, 18.3085, 54.4941



54.9550, 25.6582, 77.2155



81.6370, -36.3030, 23.9974



50.2500, 0.8628, 3.2887



45.0150, 21.1916, 63.1308



94.2310, 44.2561, 132.2244

Previews

White Background



This preview shows how the YUV color 64.1260, 22.1229, -49.2225 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 64.1260, 22.1229, -49.2225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

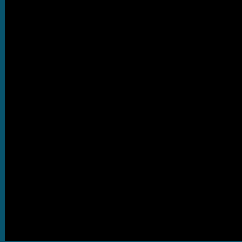
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1260, 22.1229, -49.2225

Background



This preview shows how black text looks on a background with the YUV color 64.1260, 22.1229, -49.2225.



This preview shows how white text looks on a background with the YUV color 64.1260, 22.1229, -49.2225.

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

64.1260, 22.1229, -49.2225

Protanopia

77.2840, 12.6780, -6.3881

Deuteranopia

77.2880, 16.6200, -10.7766

Trichromacy



Original Color

64.1260, 22.1229, -49.2225

Protanomaly

72.3960, 16.0738, -22.2723

Deuteranomaly

72.6560, 18.4106, -25.1313

Monochromacy



Original Color

64.1260, 22.1229, -49.2225

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1260, 22.1229, -49.2225 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(8, 84, 109)` looks like.

```
.text, #text, p{  
    color:rgb(8, 84, 109)  
}
```

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(8, 84, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 84, 109) }
```

Border

The CSS property to change the border of an element to YUV 64.1260, 22.1229, -49.2225 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(8, 84, 109) }
```

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

```
.border{ border-color:rgb(8, 84, 109) }
```

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

Here you see how a box with a 4 pixel rgb(8, 84, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 84, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 84, 109);  
box-shadow:4px 4px 4px 4px rgb(8, 84, 109)  
}
```


Background

The CSS property to change the background color of an element to YUV 64.1260, 22.1229, -49.2225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 84, 109) }
```

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

```
.background{ background-color: rgb(8, 84,  
109) }
```

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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