

Converting Colors

YUV(54.6430, 21.3750,
-42.6599)

Have a look what the booklet for
YUV(54.6430, 21.3750, -42.6599)
contains.

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Color

**YUV(54.6430, 21.3750,
-42.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	064762
RGB	6, 71, 98
RGB Percent	2%, 28%, 38%
CMY	0.9765, 0.7216, 0.6157
CMYK	0.94, 0.28, 0.00, 0.62
HSL	198°, 88%, 20%
HSV	198°, 94%, 38%
XYZ	4.5329, 5.4270, 12.3639
YIQ	54.6430, -47.4070, -5.3830

Conversions

Conversions Part 2

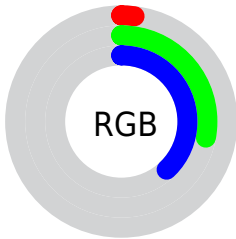
Format	Color
R _Y B	6, 44, 98
Decimal	411490
CIE Lab	27.92, -7.98, -21.13
CIE LCh	28, 22.585, 249.306
Yxy	5.4270, 0.2031, 0.2431
Android (android.graphics.Color)	4278601570 (0xFF064762)
YUV	54.6430, 21.3750, -42.6599
Hunter-Lab	23.2960, -6.0354, -15.1598

Details

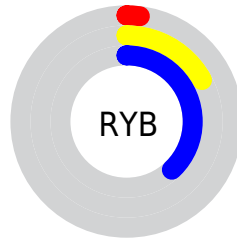
The YUV color **54.6430, 21.3750, -42.6599** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **49.3570, -21.3750, 42.6599**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7690, 20.3269, -33.1234**, and **22.2500, 14.1738, -19.5132** is the 20% darker color. If you saturate the color by 10%, you get **51.6750, 22.8382, -45.3190**, and if you desaturate by 10%, it is **59.3940, 19.0328, -38.0565**.

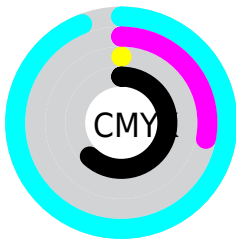
Distribution



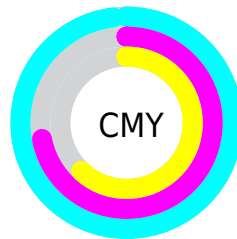
- Red (2%)
- Green (28%)
- Blue (38%)



- Red (2%)
- Yellow (17%)
- Blue (38%)



- Cyan (94%)
- Magenta (28%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (72%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6430, 21.3750, -42.6599 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 54.6430, 21.3750, -42.6599 by changing the saturation by 10% instead.

■ 54.6430, 21.3750,
-42.6599

■ 54.6430, 21.3750,
-42.6599

■ 255.0000, 0.0000,
0.0000

■ 37.1990, 18.1429,
-32.6235

■ 107.7690, 20.3269,
-33.1234

■ 22.2500, 14.1738,
-19.5132

■ 134.1820, 20.6163,
-32.6086

■ 4.5940, 12.5252,
-4.0289

■ 160.2960, 21.0531,
-32.7086

■ 0.1140, 0.4368,
-0.1000

■ 188.2960, 21.0531,
-32.7086

■ 0.0000, 0.0000,
0.0000

■ 215.5410, 19.4533,
-32.9235

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 54.6430, 21.3750,
-42.6599

■ 54.6430, 21.3750,
-42.6599

■ 51.6750, 22.8382,
-45.3190

■ 59.3940, 19.0328,
-38.0565

■ 64.1450, 16.6905,
-33.4532

■ 68.5970, 14.4957,
-29.4646

■ 73.3480, 12.1534,
-24.8612

■ 77.5120, 10.1006,
-19.7430

■ 82.2630, 7.7583,
-15.1397

■ 87.0140, 5.4161,
-10.5363

■ 91.4660, 3.2213,
-6.5477

■ 96.2170, 0.8790,
-1.9443

Harmonies

Analogous

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



53.3560, 16.5865, -46.7932



54.6430, 21.3750, -42.6599



64.4940, 17.5045, -14.4652

Triad

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



54.6430, 21.3750, -42.6599



67.0790, -2.9969, 27.9947



61.8560, -11.7610, -7.7667

Complementary

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



54.6430, 21.3750, -42.6599



49.3570, -21.3750, 42.6599

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.



64.0920, -16.3144, 6.0583



54.6430, 21.3750, -42.6599



66.4180, -10.5591, 26.8204

Square

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



54.6430, 21.3750, -42.6599



68.2120, 5.3185, 20.8621



65.5820, -16.0629, 18.7836



58.4500, -2.6868, -24.9506

Rectangle

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



54.6430, 21.3750, -42.6599



67.3710, 14.1141, -0.3254



65.5820, -16.0629, 18.7836



62.7210, -13.6665, -3.2633

Sweetspot

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



54.6430, 21.3750, -42.6599



110.7790, 8.4900, -16.4692



62.9680, -15.2672, -49.9609



53.3130, 5.2687, -9.9215



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



54.6430, 21.3750, -42.6599



67.4220, 29.8650, -59.1291



28.2280, 34.3976, -19.4940



46.2170, 0.8790, -1.9443



59.1410, 26.0595, -51.8667



126.5630, 55.9244, -110.9958

Inverse Universe

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



40.9180, 14.8304, 50.0609



48.5320, 20.4437, 69.6934



75.7720, -34.3976, 19.4940



45.5380, 0.7208, 2.1592



42.4940, 17.9975, 60.9568



91.0260, 38.4412, 130.6502

Previews

White Background



This preview shows how the YUV color 54.6430, 21.3750, -42.6599 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 54.6430, 21.3750, -42.6599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

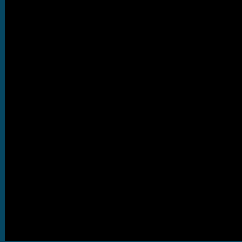
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6430, 21.3750, -42.6599

Background



This preview shows how black text looks on a background with the YUV color 54.6430, 21.3750, -42.6599.

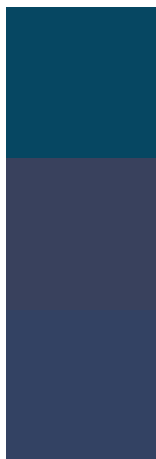


This preview shows how white text looks on a background with the YUV color 54.6430, 21.3750,

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

54.6430, 21.3750, -42.6599

Protanopia

65.8000, 13.4096, -7.7176

Deuteranopia

65.2770, 16.6254, -12.5209



Tritanopia

51.8570, 13.3815, -45.4786

Trichromacy



Original Color

54.6430, 21.3750, -42.6599

Protanomaly

61.5210, 16.5051, -20.6279

Deuteranomaly

61.6670, 18.4052, -23.3870

Tritanomaly

52.6660, 16.4337, -44.4341

Monochromacy



Original Color

54.6430, 21.3750, -42.6599

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9640, 7.9057, -15.7544

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6430, 21.3750, -42.6599 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(6, 71, 98)` looks like.

```
.text, #text, p{  
    color:rgb(6, 71, 98)  
}
```

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(6, 71, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 71, 98) }
```

Border

The CSS property to change the border of an element to YUV 54.6430, 21.3750, -42.6599 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(6, 71, 98) }
```


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

```
.border{ border-color:rgb(6, 71, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 71, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 71, 98); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 71, 98); box-shadow:4px  
4px 4px 4px rgb(6, 71, 98) }
```

Background

The CSS property to change the background color of an element to YUV 54.6430, 21.3750, -42.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 71, 98) }
```

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

```
.background{ background-color: rgb(6, 71,  
98) }
```

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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