

Converting Colors

YUV(100.0540, 14.7634,
-21.9724)

Have a look what the booklet for
YUV(100.0540, 14.7634, -21.9724)
contains.

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Color

**YUV(100.0540, 14.7634,
-21.9724)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6B82
RGB	75, 107, 130
RGB Percent	29%, 42%, 51%
CMY	0.7059, 0.5804, 0.4902
CMYK	0.42, 0.18, 0.00, 0.49
HSL	205°, 27%, 40%
HSV	205°, 42%, 51%
XYZ	12.1886, 13.6230, 23.1062
YIQ	100.0540, -26.4550, 0.3690

Conversions

Conversions Part 2

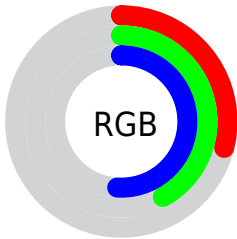
Format	Color
RYB	75, 95, 130
Decimal	4942722
CIELab	43.69, -5.13, -16.39
CIELCh	44, 17.170, 252.607
Yxy	13.6230, 0.2492, 0.2785
Android (android.graphics.Color)	4283132802 (0xFF4B6B82)
YUV	100.0540, 14.7634, -21.9724
Hunter-Lab	36.9093, -5.6449, -11.2806

Details

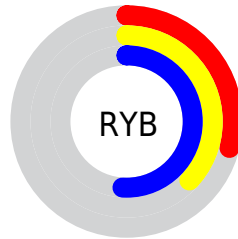
The YUV color **100.0540, 14.7634, -21.9724** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **104.9460, -14.7634, 21.9724**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.2820, 15.6370, -22.1723**, and **51.9290, 14.3320, -23.6167** is the 20% darker color. If you saturate the color by 10%, you get **93.2320, 18.1266, -27.3905**, and if you desaturate by 10%, it is **106.8760, 11.4001, -16.5543**.

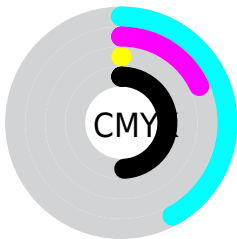
Distribution



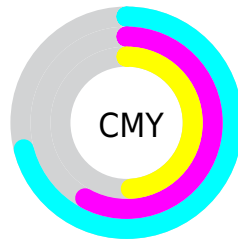
- Red (29%)
- Green (42%)
- Blue (51%)



- Red (29%)
- Yellow (37%)
- Blue (51%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0540, 14.7634, -21.9724 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 100.0540, 14.7634, -21.9724 by changing the saturation by 10% instead.

■ 100.0540, 14.7634,
-21.9724

■ 100.0540, 14.7634,
-21.9724

■ 255.0000, 0.0000,
0.0000

■ 75.6410, 14.4740,
-22.4872

■ 151.2820, 15.6370,
-22.1723

■ 51.9290, 14.3320,
-23.6167

■ 178.3960, 16.0738,
-22.2723

■ 28.9180, 14.3374,
-25.3611

■ 206.0970, 16.2212,
-22.8871

■ 14.6700, 10.5157,
-12.8656

■ 232.7290, 10.9796,
-21.6873

■ 2.0690, 5.3890,
-1.8145

■ 249.6180, 2.6533,
-11.0660

■ 0.0000, 0.0000,
0.0000

■ 100.0540, 14.7634,
-21.9724

■ 100.0540, 14.7634,
-21.9724

■ 93.2320, 18.1266,
-27.3905

■ 106.8760, 11.4001,
-16.5543

■ 85.8230, 21.7793,
-32.2938

■ 114.2850, 7.7475,
-11.6509

■ 79.0010, 25.1425,
-37.7119

■ 121.1070, 4.3842,
-6.2328

■ 71.5920, 28.7951,
-42.6152

■ 128.5160, 0.7316,
-1.3295

■ 64.7700, 32.1584,
-48.0333

■ 135.3380, -2.6316,
4.0886

■ 59.4320, 34.7900,
-52.1219

■ 142.7470, -6.2843,
8.9919

■ 149.5690, -9.6475,
14.4100

■ 156.3910,

-13.0108, 19.8281

■ 163.8000,
-16.6634, 24.7314

Harmonies

Analogous

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



97.3150, 12.1697, -30.0943



100.0540, 14.7634, -21.9724



102.9140, 13.8464, -7.8176

Triad

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



100.0540, 14.7634, -21.9724



105.2310, -3.5649, 23.4764



100.2520, -8.9982, -7.2370

Complementary

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



100.0540, 14.7634, -21.9724



104.9460, -14.7634, 21.9724

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.



101.8900, -13.2568, 5.3585



100.0540, 14.7634, -21.9724



104.3250, -9.5272, 22.5170

Square

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



100.0540, 14.7634, -21.9724



105.6200, 3.1453, 17.8733



102.9560, -13.2893, 15.8246



98.5970, -2.2663, -19.8176

Rectangle

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



100.0540, 14.7634, -21.9724



104.5840, 11.0511, 2.1188



102.9560, -13.2893, 15.8246



100.8180, -10.7563, -3.3484

Sweetspot

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



100.0540, 14.7634, -21.9724



156.1390, 5.8475, -8.8919



109.9070, -5.8702, -30.6134



77.1780, 3.3632, -5.4181



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



100.0540, 14.7634, -21.9724



121.1540, 23.0951, -34.3381



84.2050, 22.5769, -8.0728



60.1460, 1.9000, -2.7590



58.0300, 34.4952, -50.8923



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.0930, 5.8702, 30.6134



113.4140, 9.1629, 47.8719



120.7950, -22.5769, 8.0728



59.5490, 0.7153, 3.9035



46.7080, 13.4550, 71.2931



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.0540, 14.7634, -21.9724 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 100.0540, 14.7634, -21.9724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

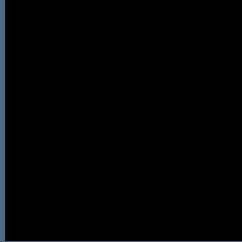
Any Text WCAG AA × Fail

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 100.0540, 14.7634, -21.9724 Background



This preview shows how black text looks on a background with the YUV color 100.0540, 14.7634, -21.9724.



This preview shows how white text looks on a background with the YUV color 100.0540, 14.7634, -21.9724.

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

100.0540, 14.7634, -21.9724

Protanopia

103.2410, 11.2202, -5.4734

Deuteranopia

103.5230, 13.5462, -4.8437



Tritanopia

98.9630, 9.3852, -23.6466

Trichromacy



Original Color

100.0540, 14.7634, -21.9724

Protanomaly

102.1370, 12.2575, -11.5211

Deuteranomaly

102.3050, 14.1466, -10.7915

Tritanomaly

99.1310, 11.2744, -22.9169

Monochromacy



Original Color

100.0540, 14.7634, -21.9724

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0540, 14.7634, -21.9724 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(75, 107, 130)` looks like.

```
.text, #text, p{  
    color:rgb(75, 107, 130)  
}
```

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(75, 107, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 107, 130) }
```

Border

The CSS property to change the border of an element to YUV 100.0540, 14.7634, -21.9724 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(75, 107, 130) }
```


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

```
.border{ border-color:rgb(75, 107, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 107, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 107, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 107, 130);  
box-shadow:4px 4px 4px 4px rgb(75, 107,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 100.0540, 14.7634, -21.9724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 107, 130) }
```

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

```
.background{ background-color: rgb(75, 107,  
130) }
```

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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