

Converting Colors

YUV(114.4430, 21.4736,
-27.5755)

Have a look what the booklet for
YUV(114.4430, 21.4736, -27.5755)
contains.

YUV(114.4430, 21.4736, -27.5755)	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(114.4430, 21.4736,
-27.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	537A9E
RGB	83, 122, 158
RGB Percent	33%, 48%, 62%
CMY	0.6745, 0.5216, 0.3804
CMYK	0.47, 0.23, 0.00, 0.38
HSL	209°, 31%, 47%
HSV	209°, 47%, 62%
XYZ	16.6984, 18.2267, 34.9858
YIQ	114.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

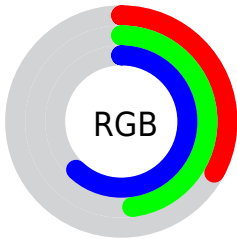
Format	Color
R _Y B	83, 109, 158
Decimal	5470878
CIE Lab	49.77, -3.45, -23.59
CIE LCh	50, 23.840, 261.669
Yxy	18.2267, 0.2389, 0.2607
Android (android.graphics.Color)	4283660958 (0xFF537A9E)
YUV	114.4430, 21.4736, -27.5755
Hunter-Lab	42.6927, -4.8957, -18.7020

Details

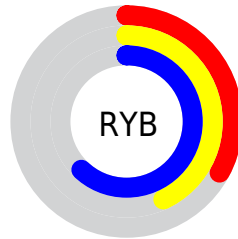
The YUV color **114.4430, 21.4736, -27.5755** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **126.5570, -21.4736, 27.5755**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0840, 22.6366, -27.2607**, and **63.8940, 20.7583, -31.4790** is the 20% darker color. If you saturate the color by 10%, you get **104.9630, 26.1472, -33.2936**, and if you desaturate by 10%, it is **123.9230, 16.8000, -21.8575**.

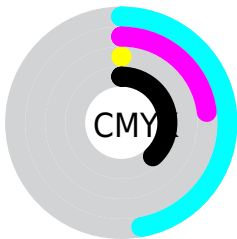
Distribution



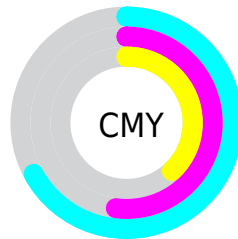
- Red (33%)
- Green (48%)
- Blue (62%)



- Red (33%)
- Yellow (43%)
- Blue (62%)



- Cyan (47%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (67%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4430, 21.4736, -27.5755 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 114.4430, 21.4736, -27.5755 by changing the saturation by 10% instead.

■ 114.4430, 21.4736,
-27.5755

■ 114.4430, 21.4736,
-27.5755

■ 255.0000, 0.0000,
0.0000

■ 89.0300, 21.1842,
-28.0903

■ 167.0840, 22.6366,
-27.2607

■ 63.8940, 20.7583,
-31.4790

■ 195.0840, 22.6366,
-27.2607

■ 39.2850, 21.0585,
-34.4529

■ 221.4880, 16.5214,
-25.8610

■ 24.3360, 17.0894,
-21.3427

■ 244.5350, 5.1592,
-21.5172

■ 5.3920, 15.5827,
-4.7288

■ 253.2060, 0.8844,
-3.6887

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 114.4430, 21.4736,
-27.5755

■ 114.4430, 21.4736,
-27.5755

■ 104.9630, 26.1472,
-33.2936

■ 123.9230, 16.8000,
-21.8575

■ 96.0700, 30.5315,
-39.5264

■ 132.8160, 12.4157,
-15.6246

■ 86.8890, 35.0577,
-44.6297

■ 141.9970, 7.8895,
-10.5214

■ 77.9960, 39.4420,
-50.8625

■ 150.8900, 3.5052,
-4.2885

■ 68.5160, 44.1156,
-56.5805

■ 160.3700, -1.1684,
1.4295

■ 66.1460, 45.2840,
-58.0100

■ 169.8500, -5.8420,
7.1476

■ 178.7430,
-10.2263, 13.3804

■ 187.9240,
-14.7525, 18.4837

■ 196.8170,
-19.1368, 24.7165

Harmonies

Analogous

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



108.5780, 19.9280, -45.2339



114.4430, 21.4736, -27.5755



119.0760, 18.2035, -5.3287

Triad

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



114.4430, 21.4736, -27.5755



120.4450, -8.1074, 33.8127



113.2570, -9.9867, -16.8884

Complementary

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



114.4430, 21.4736, -27.5755



126.5570, -21.4736, 27.5755

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.



115.7170, -17.6085, 1.1252



114.4430, 21.4736, -27.5755



118.7620, -15.6587, 29.1497

Square

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



114.4430, 21.4736, -27.5755



121.3440, 1.8024, 28.6393



117.6590, -19.5519, 17.8391



109.7200, 1.1240, -33.9574

Rectangle

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



114.4430, 21.4736, -27.5755



120.7250, 13.9396, 9.0112



117.6590, -19.5519, 17.8391



113.9050, -12.7712, -10.4407

Sweetspot

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



114.4430, 21.4736, -27.5755



190.1110, 8.3263, -10.6213



131.0150, -6.4164, -42.1092



94.3350, 5.2578, -6.4328



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



114.4430, 21.4736, -27.5755



138.2590, 33.8893, -43.2001



92.7240, 32.1811, -8.5279



74.2600, 2.3368, -2.8590



59.7400, 41.0472, -52.3920



6.4060, 4.2368, -5.6181

Inverse Universe

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



109.8710, 5.9796, 42.2091



131.2360, 9.2507, 66.4450



148.2760, -32.1811, 8.5279



73.8480, 0.5679, 4.5183



51.1930, 11.2439, 80.5147



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 114.4430, 21.4736, -27.5755 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 114.4430, 21.4736, -27.5755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

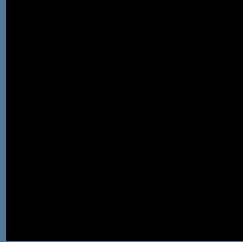
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

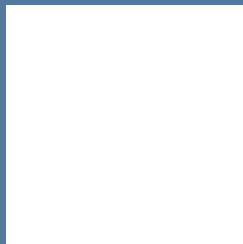
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.4430, 21.4736, -27.5755

Background



This preview shows how black text looks on a background with the YUV color 114.4430, 21.4736, -27.5755.

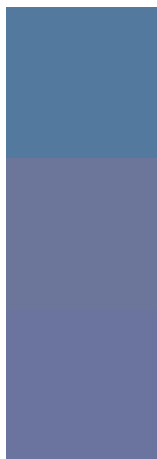


This preview shows how white text looks on a background with the YUV color 114.4430, 21.4736, -27.5755.

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

114.4430, 21.4736, -27.5755

Protanopia

118.5270, 17.4882, -9.2322

Deuteranopia

117.9120, 20.2564, -10.4468



Tritanopia

112.1900, 11.7383, -31.7386

Trichromacy



Original Color

114.4430, 21.4736, -27.5755

Protanomaly

117.1240, 18.6729, -15.8947

Deuteranomaly

116.6940, 20.8569, -16.3946

Tritanomaly

113.4120, 15.0799, -30.1793

Monochromacy



Original Color

114.4430, 21.4736, -27.5755

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2960, 7.7421, -9.9066

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4430, 21.4736, -27.5755 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(83, 122, 158)` looks like.

```
.text, #text, p{  
    color:rgb(83, 122, 158)  
}
```

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(83, 122, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 122, 158) }
```

Border

The CSS property to change the border of an element to YUV 114.4430, 21.4736, -27.5755 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(83, 122, 158) }
```


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

```
.border{ border-color:rgb(83, 122, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 122, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 122, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 122, 158);  
box-shadow:4px 4px 4px 4px rgb(83, 122,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 114.4430, 21.4736, -27.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 122, 158) }
```

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

```
.background{ background-color: rgb(83, 122,  
158) }
```

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