

Converting Colors

YUV(107.4820, 22.4404,
-10.9467)

Have a look what the booklet for
YUV(107.4820, 22.4404, -10.9467)
contains.

YUV(107.4820, 22.4404, -10.9467)	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(107.4820, 22.4404,
-10.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	5F6999
RGB	95, 105, 153
RGB Percent	37%, 41%, 60%
CMY	0.6275, 0.5882, 0.4000
CMYK	0.38, 0.31, 0.00, 0.40
HSL	230°, 23%, 49%
HSV	230°, 38%, 60%
XYZ	15.5207, 14.8360, 32.1826
YIQ	107.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

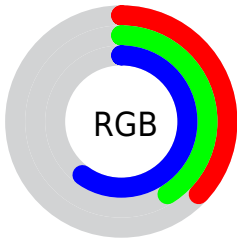
Format	Color
R _Y B	95, 104, 153
Decimal	6252953
CIE Lab	45.41, 8.60, -27.35
CIE LCh	45, 28.668, 287.456
Yxy	14.8360, 0.2482, 0.2372
Android (android.graphics.Color)	4284443033 (0xFF5F6999)
YUV	107.4820, 22.4404, -10.9467
Hunter-Lab	38.5175, 4.5212, -22.5765

Details

The YUV color **107.4820, 22.4404, -10.9467** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **140.5180, -22.4404, 10.9467**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2370, 24.0402, -10.7318**, and **59.1290, 21.1354, -12.3911** is the 20% darker color. If you saturate the color by 10%, you get **95.3660, 28.4136, -13.4760**, and if you desaturate by 10%, it is **119.5980, 16.4672, -8.4174**.

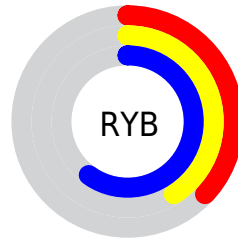
Distribution



Red (37%)

Green (41%)

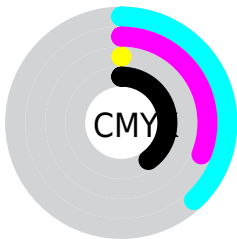
Blue (60%)



Red (37%)

Yellow (41%)

Blue (60%)

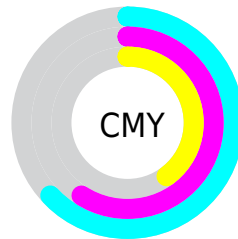


Cyan (38%)

Magenta (31%)

Yellow (0%)

Black (40%)



Cyan (63%)

Magenta (59%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.4820, 22.4404, -10.9467 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 107.4820, 22.4404, -10.9467 by changing the saturation by 10% instead.

■ 107.4820, 22.4404,
-10.9467

■ 107.4820, 22.4404,
-10.9467

■ 255.0000, 0.0000,
0.0000

■ 82.9550, 21.7142,
-11.3615

■ 159.2370, 24.0402,
-10.7318

■ 59.1290, 21.1354,
-12.3911

■ 186.6500, 24.3296,
-10.2170

■ 36.1780, 20.1252,
-15.0651

■ 212.7380, 20.8352,
-9.4172

■ 15.5480, 18.9568,
-13.6356

■ 238.4320, 8.1680,
-6.5179

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 107.4820, 22.4404,
-10.9467

■ 107.4820, 22.4404,
-10.9467

■ 95.3660, 28.4136,
-13.4760

■ 119.5980, 16.4672,
-8.4174

■ 83.5380, 34.2448,
-17.1348

■ 131.4260, 10.6360,
-4.7586

■ 71.4220, 40.2180,
-19.6641

■ 143.5420, 4.6628,
-2.2293

■ 59.3060, 46.1911,
-22.1934

■ 155.6580, -1.3104,
0.2999

■ 47.4780, 52.0223,
-25.8522

■ 167.1870, -6.9942,
3.3440

■ 35.3620, 57.9955,
-28.3815

■ 179.6020,
-13.1148, 6.4880

■ 32.7040, 59.3059,
-28.6814

■ 191.7180,
-19.0880, 9.0173

■ 203.2470,
-24.7718, 12.0614

■ 215.6620,
-30.8924, 15.2054

Harmonies

Analogous

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



99.4350, 26.9005, -41.6005



107.4820, 22.4404, -10.9467



110.2850, 14.6495, 14.6591

Triad

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



107.4820, 22.4404, -10.9467



107.7520, -17.1327, 35.2975



96.3340, -0.1647, -40.6349

Complementary

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



107.4820, 22.4404, -10.9467



140.5180, -22.4404, 10.9467

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.



101.0460, -13.3337, -16.7033



107.4820, 22.4404, -10.9467



106.8830, -22.6203, 22.0276

Square

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



107.4820, 22.4404, -10.9467



109.0050, -7.3975, 39.4606



104.1150, -21.2557, 4.2841



84.2340, 18.1256, -73.8732

Rectangle

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



107.4820, 22.4404, -10.9467



110.2390, 7.7702, 27.8544



104.1150, -21.2557, 4.2841



98.1240, -4.9911, -32.5577

Sweetspot

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



107.4820, 22.4404, -10.9467



181.8560, 8.4520, -4.2587



134.4040, 3.7448, -34.5573



89.5420, 4.6628, -2.2293



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



107.4820, 22.4404, -10.9467



128.6520, 34.6816, -17.2348



106.9940, 22.6810, 5.2673



70.4990, 3.2050, -1.3146



30.0480, 54.2063, -26.3521



2.6560, 5.0996, -2.3293

Inverse Universe

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



113.4820, -4.1816, 34.6573



137.7340, -6.2779, 53.7303



141.0060, -22.6810, -5.2673



71.5060, -0.7425, 4.8182



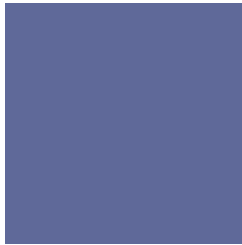
44.5960, -10.1538, 83.6693



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 107.4820, 22.4404, -10.9467 looks on a white background.

Color Contrast Check

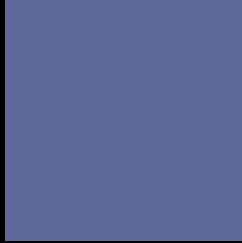
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4820, 22.4404, -10.9467 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

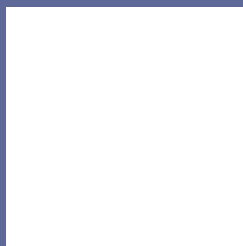
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 107.4820, 22.4404, -10.9467

Background



This preview shows how black text looks on a background with the YUV color 107.4820, 22.4404, -10.9467.



This preview shows how white text looks on a background with the YUV color 107.4820, 22.4404, -10.9467.

-10.9467.

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

107.4820, 22.4404, -10.9467

Protanopia

107.2860, 23.0300, -13.4058

Deuteranopia

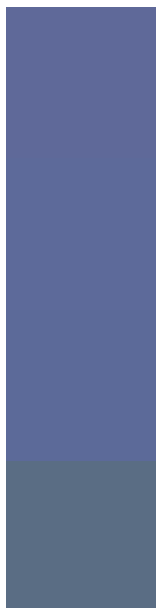
106.5740, 22.8880, -14.5354



Tritanopia

104.8500, 7.4690, -15.6544

Trichromacy



Original Color

107.4820, 22.4404, -10.9467

Protanomaly

107.5850, 22.8826, -12.7910

Deuteranomaly

107.1720, 22.5932, -13.3058

Tritanomaly

105.9410, 12.8471, -13.9803

Monochromacy



Original Color

107.4820, 22.4404, -10.9467

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.1550, 8.3046, -3.6439

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4820, 22.4404, -10.9467 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(95, 105, 153)` looks like.

```
.text, #text, p{  
    color:rgb(95, 105, 153)  
}
```

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(95, 105, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 105, 153) }
```

Border

The CSS property to change the border of an element to YUV 107.4820, 22.4404, -10.9467 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(95, 105, 153) }
```


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

```
.border{ border-color:rgb(95, 105, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 105, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 105, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 105, 153);  
box-shadow:4px 4px 4px 4px rgb(95, 105,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 107.4820, 22.4404, -10.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 105, 153) }
```

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

```
.background{ background-color: rgb(95, 105,  
153) }
```

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