

Converting Colors

YUV(108.0140, 22.1781,
-20.1833)

Have a look what the booklet for
YUV(108.0140, 22.1781, -20.1833)
contains.

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Color

**YUV(108.0140, 22.1781,
-20.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	556F99
RGB	85, 111, 153
RGB Percent	33%, 44%, 60%
CMY	0.6667, 0.5647, 0.4000
CMYK	0.44, 0.27, 0.00, 0.40
HSL	217°, 29%, 47%
HSV	217°, 44%, 60%
XYZ	15.1805, 15.6001, 32.3480
YIQ	108.0140, -28.9780, 7.5500

Conversions

Conversions Part 2

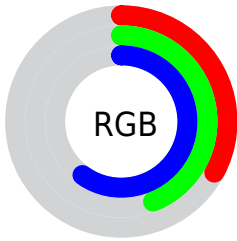
Format	Color
R _Y B	85, 104, 153
Decimal	5599129
CIE Lab	46.45, 2.12, -25.79
CIE LCh	46, 25.875, 274.700
Yxy	15.6001, 0.2405, 0.2471
Android (android.graphics.Color)	4283789209 (0xFF556F99)
YUV	108.0140, 22.1781, -20.1833
Hunter-Lab	39.4969, -0.5137, -20.9107

Details

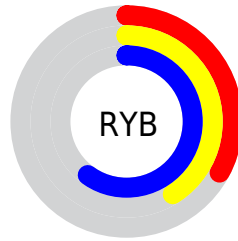
The YUV color **108.0140, 22.1781, -20.1833** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **129.9860, -22.1781, 20.1833**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0680, 23.6305, -19.3536**, and **59.0630, 21.1679, -22.8573** is the 20% darker color. If you saturate the color by 10%, you get **98.2460, 26.9937, -24.7717**, and if you desaturate by 10%, it is **117.7820, 17.3625, -15.5948**.

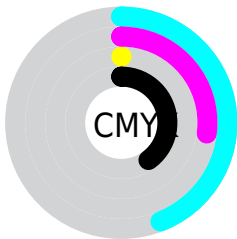
Distribution



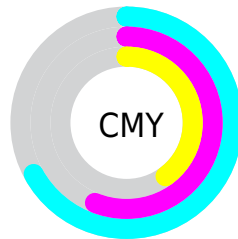
- Red (33%)
- Green (44%)
- Blue (60%)



- Red (33%)
- Yellow (41%)
- Blue (60%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.0140, 22.1781, -20.1833 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 108.0140, 22.1781, -20.1833 by changing the saturation by 10% instead.

■ 108.0140, 22.1781,
-20.1833

■ 108.0140, 22.1781,
-20.1833

■ 255.0000, 0.0000,
0.0000

■ 83.1880, 21.5993,
-21.2129

■ 160.0680, 23.6305,
-19.3536

■ 59.0630, 21.1679,
-22.8573

■ 187.1820, 24.0673,
-19.4536

■ 33.5460, 21.9158,
-29.4198

■ 214.1560, 20.1361,
-18.5538

■ 19.0700, 17.2205,
-16.7244

■ 239.5510, 7.6164,
-16.2692

■ 4.9360, 13.8356,
-4.3289

■ 253.5050, 0.7370,
-3.0739

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,

0.0000

■ 108.0140, 22.1781,
-20.1833

■ 108.0140, 22.1781,
-20.1833

■ 98.2460, 26.9937,
-24.7717

■ 117.7820, 17.3625,
-15.5948

■ 87.5920, 32.2461,
-29.4602

■ 128.4360, 12.1101,
-10.9064

■ 77.8240, 37.0618,
-34.0486

■ 138.2040, 7.2944,
-6.3179

■ 67.4690, 42.1668,
-38.1223

■ 148.5590, 2.1894,
-2.2442

■ 57.4020, 47.1298,
-43.3256

■ 158.6260, -2.7736,
2.9590

■ 52.0750, 49.7560,
-45.6698

■ 168.9810, -7.8786,
7.0327

■ 178.7490,
-12.6943, 11.6211

■ 189.1040,
-17.7993, 15.6948

■ 199.1710,
-22.7623, 20.8980

Harmonies

Analogous

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



100.3160, 24.0012, -45.0041



108.0140, 22.1781, -20.1833



112.0880, 16.7186, 4.3078

Triad

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



108.0140, 22.1781, -20.1833



111.3050, -12.4754, 34.8125



102.3420, -5.5916, -26.6099

Complementary

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



108.0140, 22.1781, -20.1833



129.9860, -22.1781, 20.1833

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.



105.8300, -15.6922, -6.8669



108.0140, 22.1781, -20.1833



109.8280, -19.1422, 26.4608

Square

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



108.0140, 22.1781, -20.1833



112.2370, -2.5818, 34.8722



108.2730, -20.8406, 11.1616



97.6520, 7.5666, -47.0528

Rectangle

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



108.0140, 22.1781, -20.1833



112.9820, 10.8549, 18.4328



108.2730, -20.8406, 11.1616



103.6480, -9.6865, -19.8623

Sweetspot

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



108.0140, 22.1781, -20.1833



181.8340, 8.4628, -7.7474



129.7040, -1.3331, -39.2054



89.2320, 4.8156, -4.5885



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.



108.0140, 22.1781, -20.1833



129.1510, 34.4356, -31.7044



95.1440, 28.5230, -1.8803



71.6730, 2.6262, -2.3442



47.6580, 45.5246, -41.7961



4.4170, 4.2314, -3.8737

Inverse Universe

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



108.2960, 1.3331, 39.2054



129.3680, 2.2836, 61.0673



142.8560, -28.5230, 1.8803



71.7340, 0.1311, 4.6183



48.0160, 2.9501, 80.6700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 108.0140, 22.1781, -20.1833 looks on a white background.

Color Contrast Check

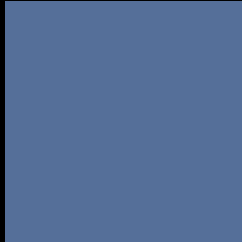
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0140, 22.1781, -20.1833 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

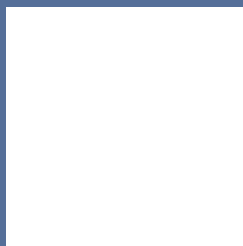
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 108.0140, 22.1781, -20.1833

Background



This preview shows how black text looks on a background with the YUV color 108.0140, 22.1781, -20.1833.

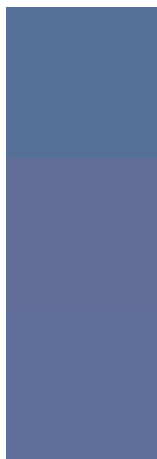


This preview shows how white text looks on a background with the YUV color 108.0140, 22.1781, -20.1833.

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

108.0140, 22.1781, -20.1833

Protanopia

109.6130, 20.4038, -11.0616

Deuteranopia

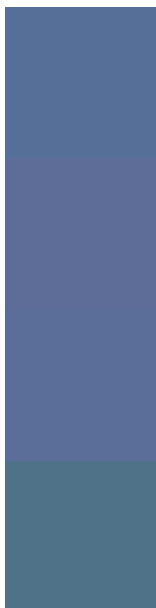
109.9440, 21.7196, -13.1059



Tritanopia

105.4790, 10.1169, -24.9761

Trichromacy



Original Color

108.0140, 22.1781, -20.1833

Protanomaly

109.1180, 21.1408, -14.1355

Deuteranomaly

109.3350, 22.0198, -16.0798

Tritanomaly

106.3420, 14.6214, -23.1019

Monochromacy



Original Color

108.0140, 22.1781, -20.1833

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0190, 7.8786, -7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0140, 22.1781, -20.1833 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(85, 111, 153)` looks like.

```
.text, #text, p{  
    color:rgb(85, 111, 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(85, 111, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 111, 153) }
```

Border

The CSS property to change the border of an element to YUV 108.0140, 22.1781, -20.1833 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(85, 111, 153) }
```


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

```
.border{ border-color:rgb(85, 111, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 111, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 111, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 111, 153);  
box-shadow:4px 4px 4px 4px rgb(85, 111,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 108.0140, 22.1781, -20.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 111, 153) }
```

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

```
.background{ background-color: rgb(85, 111,  
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](#).

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