

Converting Colors

YUV(139.6980, 24.7989,
-20.7831)

Have a look what the booklet for
YUV(139.6980, 24.7989, -20.7831)
contains.

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Color

**YUV(139.6980, 24.7989,
-20.7831)**

Conversions

Conversions Part 1

Format	Color
Hex	748EBE
RGB	116, 142, 190
RGB Percent	45%, 56%, 75%
CMY	0.5451, 0.4431, 0.2549
CMYK	0.39, 0.25, 0.00, 0.25
HSL	219°, 36%, 60%
HSV	219°, 39%, 75%
XYZ	26.1697, 26.7767, 52.5043
YIQ	139.6980, -30.9040, 9.4160

Conversions

Conversions Part 2

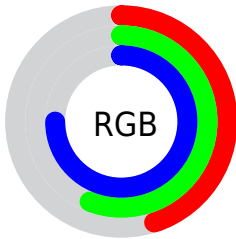
Format	Color
R_{YB}	116, 135, 190
Decimal	7638718
CIE _{Lab}	58.77, 3.01, -27.93
CIE _{LCh}	59, 28.087, 276.147
Yxy	26.7767, 0.2482, 0.2539
Android (android.graphics.Color)	4285828798 (0xFF748EBE)
YUV	139.6980, 24.7989, -20.7831
Hunter-Lab	51.7462, -0.2827, -23.9363

Details

The YUV color **139.6980, 24.7989, -20.7831** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **166.3020, -24.7989, 20.7831**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9260, 25.6725, -20.9831**, and **88.6440, 23.3465, -21.6128** is the 20% darker color. If you saturate the color by 10%, you get **126.9730, 31.0723, -26.2863**, and if you desaturate by 10%, it is **152.4230, 18.5255, -15.2800**.

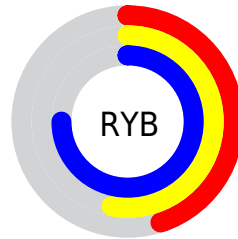
Distribution



Red (45%)

Green (56%)

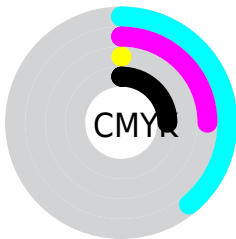
Blue (75%)



Red (45%)

Yellow (53%)

Blue (75%)

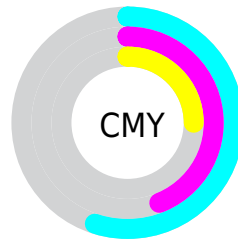


Cyan (39%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6980, 24.7989, -20.7831 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 139.6980, 24.7989, -20.7831 by changing the saturation by 10% instead.

■ 139.6980, 24.7989,
-20.7831

■ 139.6980, 24.7989,
-20.7831

255.0000, 0.0000,
0.0000

■ 114.1710, 24.0727,
-21.1980

■ 193.9260, 25.6725,
-20.9831

■ 88.6440, 23.3465,
-21.6128

■ 219.1730, 17.6627,
-18.5687

■ 64.2200, 23.0625,
-23.8719

■ 244.8670, 4.9956,
-15.6694

■ 37.9910, 23.6684,
-31.5641

■ 22.4440, 19.9941,
-19.6834

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 139.6980, 24.7989,
-20.7831

■ 139.6980, 24.7989,
-20.7831

■ 126.9730, 31.0723,
-26.2863

■ 152.4230, 18.5255,
-15.2800

■ 113.6610, 37.6351,
-31.2747

■ 165.7350, 11.9626,
-10.2916

■ 100.9360, 43.9086,
-36.7779

■ 178.4600, 5.6892,
-4.7884

■ 88.2110, 50.1820,
-42.2810

■ 191.1850, -0.5842,
0.7148

■ 74.8990, 56.7448,
-47.2694

■ 204.4970, -7.1470,
5.7031

■ 62.1740, 63.0182,
-52.7726

■ 217.2220,
-13.4204, 11.2063

■ 60.9890, 63.6024,
-53.4874

■ 229.9470,
-19.6939, 16.7095

■ 239.3720,
-24.3404, 13.7058

■ 246.4160,
-27.8131, 7.5282

Harmonies

Analogous

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



132.2880, 26.4800, -46.7336



139.6980, 24.7989, -20.7831



143.8540, 18.3130, 6.2670

Triad

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



139.6980, 24.7989, -20.7831



143.1700, -14.3808, 39.3159



132.9070, -5.8702, -30.6134

Complementary

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



139.6980, 24.7989, -20.7831



166.3020, -24.7989, 20.7831

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.



136.9500, -17.7233, -8.7261



139.6980, 24.7989, -20.7831



141.4540, -21.9158, 29.4198

Square

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



139.6980, 24.7989, -20.7831



144.3300, -3.6137, 39.1756



139.0020, -23.1720, 12.2762



128.5590, 8.5984, -51.3562

Rectangle

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



139.6980, 24.7989, -20.7831



145.2320, 11.7176, 21.7215



139.0020, -23.1720, 12.2762



134.0990, -10.4018, -23.7658

Sweetspot

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



139.6980, 24.7989, -20.7831



227.1760, 9.7732, -8.0474



164.7960, -0.8854, -42.7941



113.1610, 5.8366, -5.4032



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



139.6980, 24.7989, -20.7831



168.2910, 38.8035, -32.7042



127.4260, 30.8490, -1.2506



87.7870, 3.0630, -2.4442



50.8840, 52.8082, -44.6253



9.9910, 10.3574, -8.7621

Inverse Universe

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



141.0900, 0.4486, 42.8941



170.3580, 0.8095, 67.2150



178.5740, -30.8490, 1.2506



88.0330, -0.0163, 5.2331



53.6260, 1.1704, 91.5360



10.5230, 0.2352, 17.9583

Previews

White Background



This preview shows how the YUV color 139.6980, 24.7989, -20.7831 looks on a white background.

Color Contrast Check

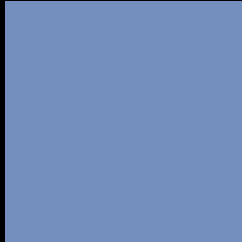
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 139.6980, 24.7989, -20.7831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

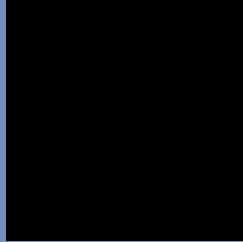
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

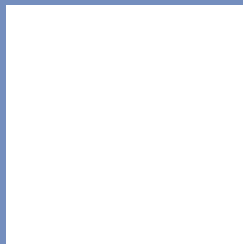
Any Text WCAG AAA × Fail

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

YUV 139.6980, 24.7989, -20.7831 Background



This preview shows how black text looks on a background with the YUV color 139.6980, 24.7989, -20.7831.



This preview shows how white text looks on a background with the YUV color 139.6980, 24.7989, -20.7831.

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

139.6980, 24.7989, -20.7831

Protanopia

140.9980, 23.1720, -12.2762

Deuteranopia

141.3400, 24.4824, -12.5762



Tritanopia

137.2940, 10.7011, -25.6908

Trichromacy



Original Color

139.6980, 24.7989, -20.7831

Protanomaly

140.5030, 23.9090, -15.3501

Deuteranomaly

140.7310, 24.7826, -15.5501

Tritanomaly

138.2710, 15.6424, -23.9167

Monochromacy



Original Color

139.6980, 24.7989, -20.7831

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6980, 24.7989, -20.7831 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(116, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(116, 142, 190)  
}
```

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(116, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 142, 190) }
```

Border

The CSS property to change the border of an element to YUV 139.6980, 24.7989, -20.7831 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(116, 142, 190) }
```


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

```
.border{ border-color:rgb(116, 142, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 142, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(116, 142,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 139.6980, 24.7989, -20.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 142, 190) }
```

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

```
.background{ background-color: rgb(116,  
142, 190) }
```

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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