

Converting Colors

YUV(103.7490, 17.3787,
-20.8279)

Have a look what the booklet for
YUV(103.7490, 17.3787, -20.8279)
contains.

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Color

**YUV(103.7490, 17.3787,
-20.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	506D8B
RGB	80, 109, 139
RGB Percent	31%, 43%, 55%
CMY	0.6863, 0.5725, 0.4549
CMYK	0.42, 0.22, 0.00, 0.45
HSL	211°, 27%, 43%
HSV	211°, 42%, 55%
XYZ	13.4371, 14.5068, 26.5180
YIQ	103.7490, -26.9140, 3.1820

Conversions

Conversions Part 2

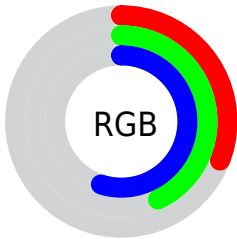
Format	Color
R_{YB}	80, 99, 139
Decimal	5270923
CIE _{Lab}	44.95, -2.25, -19.81
CIE _{LCh}	45, 19.937, 263.521
Yxy	14.5068, 0.2467, 0.2664
Android (android.graphics.Color)	4283461003 (0xFF506D8B)
YUV	103.7490, 17.3787, -20.8279
Hunter-Lab	38.0878, -3.6802, -14.6181

Details

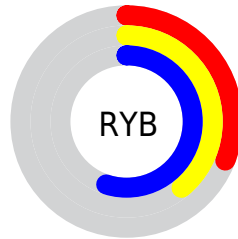
The YUV color **103.7490, 17.3787, -20.8279** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.2510, -17.3787, 20.8279**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3900, 18.5417, -20.5130**, and **55.2110, 16.6580, -22.9870** is the 20% darker color. If you saturate the color by 10%, you get **95.4540, 21.4682, -25.8312**, and if you desaturate by 10%, it is **112.0440, 13.2893, -15.8246**.

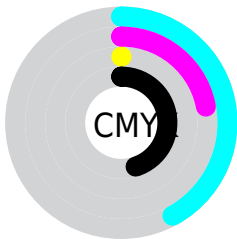
Distribution



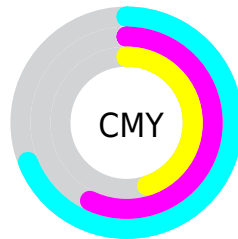
- Red (31%)
- Green (43%)
- Blue (55%)



- Red (31%)
- Yellow (39%)
- Blue (55%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7490, 17.3787, -20.8279 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 103.7490, 17.3787, -20.8279 by changing the saturation by 10% instead.

■ 103.7490, 17.3787,
-20.8279

■ 103.7490, 17.3787,
-20.8279

■ 255.0000, 0.0000,
0.0000

■ 79.2220, 16.6526,
-21.2427

■ 155.3900, 18.5417,
-20.5130

■ 55.2110, 16.6580,
-22.9870

■ 182.5040, 18.9785,
-20.6130

■ 30.8900, 16.8162,
-27.0905

■ 210.2050, 19.1259,
-21.2278

■ 16.6420, 12.9945,
-14.5950

■ 235.6970, 9.5164,
-19.0283

■ 3.0950, 9.3202,
-2.7143

■ 251.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 103.7490, 17.3787,
-20.8279

■ 103.7490, 17.3787,
-20.8279

■ 95.4540, 21.4682,
-25.8312

■ 112.0440, 13.2893,
-15.8246

■ 87.1590, 25.5576,
-30.8344

■ 120.3390, 9.1999,
-10.8213

■ 78.8640, 29.6470,
-35.8377

■ 128.6340, 5.1104,
-5.8180

■ 70.5690, 33.7365,
-40.8410

■ 136.9290, 1.0210,
-0.8147

■ 62.5730, 37.6785,
-45.2295

■ 144.9250, -2.9210,
3.5738

■ 55.7620, 41.0363,
-48.9033

■ 153.2200, -7.0105,
8.5771

■ 161.5150,
-11.0999, 13.5803

■ 170.3970,

-15.4787, 18.0688

 178.6920,
-19.5682, 23.0721

Harmonies

Analogous

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



99.4330, 16.5485, -34.5827



103.7490, 17.3787, -20.8279



107.1750, 14.7037, -2.7845

Triad

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



103.7490, 17.3787, -20.8279



108.3410, -7.0701, 27.7649



101.5500, -7.6662, -14.5144

Complementary

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



103.7490, 17.3787, -20.8279



115.2510, -17.3787, 20.8279

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.



104.0420, -13.8247, 0.8402



103.7490, 17.3787, -20.8279



107.2990, -13.4584, 23.4168

Square

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



103.7490, 17.3787, -20.8279



108.7950, 1.0871, 24.7358



105.8480, -16.1941, 14.1653



99.1660, 1.3972, -28.2096

Rectangle

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



103.7490, 17.3787, -20.8279



108.9160, 10.8874, 7.9667



105.8480, -16.1941, 14.1653



102.6000, -10.1558, -9.2962

Sweetspot

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



103.7490, 17.3787, -20.8279



167.0790, 6.8631, -7.9623



118.0530, -3.9701, -33.3725



82.8190, 4.5262, -5.1033



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



103.7490, 17.3787, -20.8279



125.9030, 27.1628, -32.3639



86.7260, 25.7711, -5.8987



64.5590, 2.1894, -2.2442



53.3170, 39.2837, -46.7590



2.3310, 1.3158, -2.0443

Inverse Universe

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



100.9470, 3.9701, 33.3725



121.6380, 6.0945, 52.0605



132.2740, -25.7711, 5.8987



64.4350, 0.2785, 4.0035



47.1770, 8.7867, 75.2668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 103.7490, 17.3787, -20.8279 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 103.7490, 17.3787, -20.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

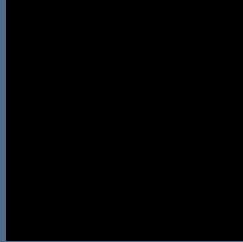
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

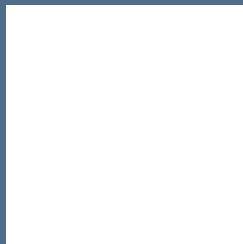
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 103.7490, 17.3787, -20.8279

Background



This preview shows how black text looks on a background with the YUV color 103.7490, 17.3787, -20.8279.

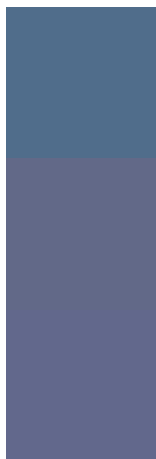


This preview shows how white text looks on a background with the YUV color 103.7490, 17.3787, -20.8279.

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

103.7490, 17.3787, -20.8279

Protanopia

106.4410, 14.5726, -7.4028

Deuteranopia

106.3100, 16.6092, -7.2879



Tritanopia

101.9630, 9.3852, -23.6466

Trichromacy



Original Color

103.7490, 17.3787, -20.8279

Protanomaly

105.0490, 15.7518, -12.3210

Deuteranomaly

105.3910, 17.0622, -12.6209

Tritanomaly

102.7720, 12.4374, -22.6020

Monochromacy



Original Color

103.7490, 17.3787, -20.8279

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9650, 6.4263, -7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7490, 17.3787, -20.8279 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(80, 109, 139)` looks like.

```
.text, #text, p{  
    color:rgb(80, 109, 139)  
}
```

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(80, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 109, 139) }
```

Border

The CSS property to change the border of an element to YUV 103.7490, 17.3787, -20.8279 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(80, 109, 139) }
```


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

```
.border{ border-color:rgb(80, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(80, 109,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 103.7490, 17.3787, -20.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 109, 139) }
```

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

```
.background{ background-color: rgb(80, 109,  
139) }
```

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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