

Converting Colors

YUV(100.1790, 15.1948,
-20.3280)

Have a look what the booklet for
YUV(100.1790, 15.1948, -20.3280)
contains.

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Color

**YUV(100.1790, 15.1948,
-20.3280)**

Conversions

Conversions Part 1	
Format	Color
Hex	4D6A83
RGB	77, 106, 131
RGB Percent	30%, 42%, 51%
CMY	0.6980, 0.5843, 0.4863
CMYK	0.41, 0.19, 0.00, 0.49
HSL	208°, 26%, 41%
HSV	208°, 41%, 51%
XYZ	12.3113, 13.5245, 23.4343
YIQ	100.1790, -25.3090, 1.6270

Conversions

Conversions Part 2

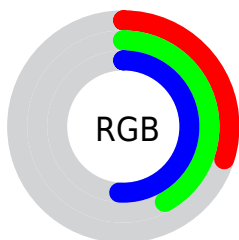
Format	Color
RYB	77, 96, 131
Decimal	5073539
CIELab	43.54, -3.67, -17.20
CIELCh	44, 17.583, 257.958
Yxy	13.5245, 0.2499, 0.2745
Android (android.graphics.Color)	4283263619 (0xFF4D6A83)
YUV	100.1790, 15.1948, -20.3280
Hunter-Lab	36.7757, -4.6014, -12.0380

Details

The YUV color **100.1790, 15.1948, -20.3280** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **107.8210, -15.1948, 20.3280**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4070, 16.0683, -20.5279**, and **52.0540, 14.7634, -21.9724** is the 20% darker color. If you saturate the color by 10%, you get **92.7700, 18.8474, -25.2313**, and if you desaturate by 10%, it is **107.5880, 11.5421, -15.4247**.

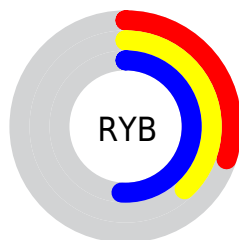
Distribution



Red (30%)

Green (42%)

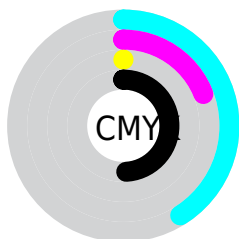
Blue (51%)



Red (30%)

Yellow (38%)

Blue (51%)

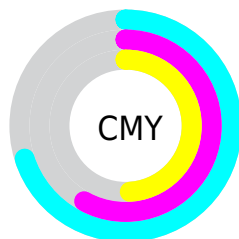


Cyan (41%)

Magenta (19%)

Yellow (0%)

Black (49%)



Cyan (70%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.1790, 15.1948, -20.3280 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 100.1790, 15.1948, -20.3280 by changing the saturation by 10% instead.


 100.1790, 15.1948,
-20.3280


 100.1790, 15.1948,
-20.3280


255.0000, 0.0000,
0.0000


 75.7660, 14.9054,
-20.8428


 151.4070, 16.0683,
-20.5279


 52.0540, 14.7634,
-21.9724


 178.5210, 16.5051,
-20.6279


 28.3310, 14.6268,
-24.8463


 206.2220, 16.6526,
-21.2427

 13.6100, 11.5313,
-11.9360

 232.7400, 10.9742,
-19.9430

 2.1830, 5.8258,
-1.9145

 250.2160, 2.3585,
-9.8364

 0.0000, 0.0000,
0.0000

100.1790, 15.1948,
-20.3280

100.1790, 15.1948,
-20.3280

92.7700, 18.8474,
-25.2313

107.5880, 11.5421,
-15.4247

85.3610, 22.5000,
-30.1346

114.9970, 7.8895,
-10.5214

77.9520, 26.1527,
-35.0379

122.4060, 4.2368,
-5.6181

70.5430, 29.8053,
-39.9412

129.8150, 0.5842,
-0.7148

62.8350, 33.6053,
-45.4593

137.2240, -3.0684,
4.1886


56.0240, 36.9632,
-49.1330

144.9320, -6.8685,
9.7066

152.3410,
-10.5211, 14.6099

160.3370,

-14.4631, 18.9985

 167.7460,
-18.1158, 23.9018

Harmonies

Analogous

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



96.6570, 13.4801, -30.3942



100.1790, 15.1948, -20.3280



103.1100, 13.2568, -5.3585

Triad

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



100.1790, 15.1948, -20.3280



105.1880, -5.0227, 24.3911



99.7570, -8.2612, -10.3109

Complementary

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



100.1790, 15.1948, -20.3280



107.8210, -15.1948, 20.3280

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.



101.2810, -12.9565, 2.3846



100.1790, 15.1948, -20.3280



103.6840, -10.6902, 22.2021

Square

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



100.1790, 15.1948, -20.3280



105.2890, 1.8295, 19.9175



102.8310, -13.7207, 14.1802



97.6290, -0.8031, -22.4766

Rectangle

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



100.1790, 15.1948, -20.3280



104.7800, 10.4615, 4.5779



102.8310, -13.7207, 14.1802



99.7360, -9.7298, -5.9075

Sweetspot

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



100.1790, 15.1948, -20.3280



158.8510, 5.9895, -7.7623



111.4340, -5.1440, -30.1986



79.8900, 3.5052, -4.2885



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



100.1790, 15.1948, -20.3280



122.9910, 23.6684, -31.5641



84.9170, 22.7189, -6.9432



62.4450, 1.7526, -2.1443



55.9100, 36.5264, -49.0331



0.9290, 1.0210, -0.8147

Inverse Universe

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



96.4520, 4.7072, 30.2986



117.2460, 7.2737, 47.1423



123.0830, -22.7189, 6.9432



62.1360, 0.4260, 3.3887



46.8500, 11.4130, 72.9226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 100.1790, 15.1948, -20.3280 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 100.1790, 15.1948, -20.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

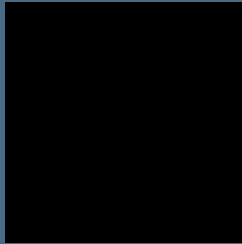
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

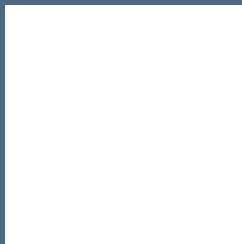
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.1790, 15.1948, -20.3280

Background



This preview shows how black text looks on a background with the YUV color 100.1790, 15.1948, -20.3280.

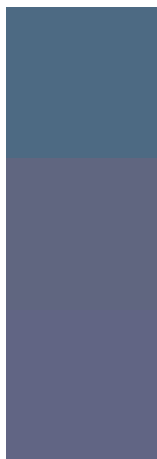


This preview shows how white text looks on a background with the YUV color 100.1790, 15.1948, -20.3280.

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

100.1790, 15.1948, -20.3280

Protanopia

103.1700, 12.2412, -6.2881

Deuteranopia

103.3380, 14.1304, -5.5584



Tritanopia

98.5610, 9.0904, -22.4170

Trichromacy



Original Color
100.1790, 15.1948, -20.3280

Protanomaly
101.7780, 13.4204, -11.2063

Deuteranomaly
102.4190, 14.5834, -10.8915

Tritanomaly
98.8430, 11.4164, -21.7873

Monochromacy



Original Color
100.1790, 15.1948, -20.3280

Achromatopsia
100.0000, 0.0000, 0.0000

Achromatomaly
100.0360, 5.4053, -7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1790, 15.1948, -20.3280 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(77, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(77, 106, 131)  
}
```

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(77, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 106, 131) }
```

Border

The CSS property to change the border of an element to YUV 100.1790, 15.1948, -20.3280 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(77, 106, 131) }
```

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

```
.border{ border-color:rgb(77, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(77, 106,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 100.1790, 15.1948, -20.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(77, 106, 131) }
```

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

```
.background{ background-color:rgb(77, 106,  
131) }
```

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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