

Converting Colors

YUV(100.8840, 19.2842,
-25.3313)

Have a look what the booklet for
YUV(100.8840, 19.2842, -25.3313)
contains.

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Color

**YUV(100.8840, 19.2842,
-25.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	486C8C
RGB	72, 108, 140
RGB Percent	28%, 42%, 55%
CMY	0.7176, 0.5765, 0.4510
CMYK	0.49, 0.23, 0.00, 0.45
HSL	208°, 32%, 42%
HSV	208°, 49%, 55%
XYZ	12.7687, 13.9963, 26.8395
YIQ	100.8840, -31.7280, 2.3200

Conversions

Conversions Part 2

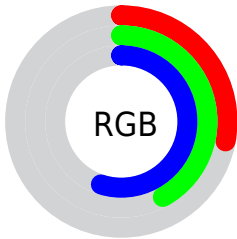
Format	Color
R_{YB}	72, 96, 140
Decimal	4746380
CIE _{Lab}	44.23, -3.52, -21.56
CIE _{LCh}	44, 21.846, 260.718
Yxy	13.9963, 0.2382, 0.2611
Android (android.graphics.Color)	4282936460 (0xFF486C8C)
YUV	100.8840, 19.2842, -25.3313
Hunter-Lab	37.4116, -4.5479, -16.3472

Details

The YUV color **100.8840, 19.2842, -25.3313** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.1160, -19.2842, 25.3313**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5250, 20.4472, -25.0164**, and **51.1500, 19.1531, -29.9495** is the 20% darker color. If you saturate the color by 10%, you get **92.5890, 23.3736, -30.3346**, and if you desaturate by 10%, it is **109.1790, 15.1948, -20.3280**.

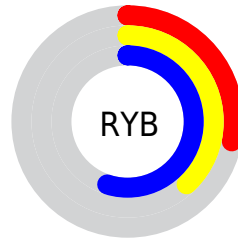
Distribution



Red (28%)

Green (42%)

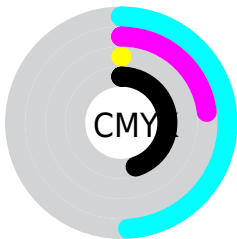
Blue (55%)



Red (28%)

Yellow (38%)

Blue (55%)

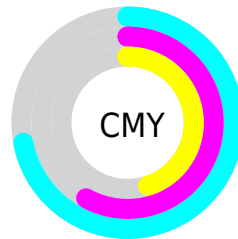


Cyan (49%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (58%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8840, 19.2842, -25.3313 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 100.8840, 19.2842, -25.3313 by changing the saturation by 10% instead.

■ 100.8840, 19.2842,
-25.3313

■ 100.8840, 19.2842,
-25.3313

■ 255.0000, 0.0000,
0.0000

■ 76.0580, 18.7054,
-26.3609

■ 152.5250, 20.4472,
-25.0164

■ 51.1500, 19.1531,
-29.9495

■ 179.6390, 20.8840,
-25.1164

■ 30.4170, 17.5424,
-26.6757

■ 207.6390, 20.8840,
-25.1164

■ 16.1690, 13.7207,
-14.1802

■ 233.0170, 10.8376,
-22.8169

■ 3.2090, 9.7570,
-2.8143

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 100.8840, 19.2842,
-25.3313

■ 100.8840, 19.2842,
-25.3313

■ 92.5890, 23.3736,
-30.3346

■ 109.1790, 15.1948,
-20.3280

■ 84.8810, 27.1737,
-35.8526

■ 116.8870, 11.3947,
-14.8099

■ 76.5860, 31.2631,
-40.8559

■ 125.1820, 7.3053,
-9.8066

■ 68.8780, 35.0631,
-46.3740

■ 132.8900, 3.5052,
-4.2885

■ 60.5830, 39.1526,
-51.3773

■ 141.1850, -0.5842,
0.7148


■ 59.3980, 39.7368,
-52.0920

■ 149.4800, -4.6736,
5.7180

■ 157.1880, -8.4737,
11.2361

■ 165.4830,

-12.5631, 16.2394

 173.1910,
-16.3632, 21.7575

Harmonies

Analogous

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



95.4430, 18.0226, -40.7305



100.8840, 19.2842, -25.3313



105.2070, 16.1669, -5.4435

Triad

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



100.8840, 19.2842, -25.3313



106.1780, -6.4968, 30.5389



100.0940, -9.4133, -14.1144

Complementary

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



100.8840, 19.2842, -25.3313



111.1160, -19.2842, 25.3313

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.



101.8850, -15.7193, 1.8549



100.8840, 19.2842, -25.3313



104.9080, -13.7586, 26.3907

Square

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



100.8840, 19.2842, -25.3313



107.0340, 1.9552, 26.2802



103.6310, -17.0731, 16.1096



96.6280, 0.6764, -30.3688

Rectangle

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



100.8840, 19.2842, -25.3313



106.9590, 12.3452, 7.0520



103.6310, -17.0731, 16.1096



101.1440, -11.9030, -8.8963

Sweetspot

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



100.8840, 19.2842, -25.3313



165.2960, 7.7421, -9.9066



115.5640, -5.7011, -38.2056



82.2210, 4.8210, -6.3328



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.



100.8840, 19.2842, -25.3313



120.8420, 29.6579, -39.3264



80.9260, 29.1235, -7.8281



65.1460, 1.9000, -2.7590



56.2520, 37.8368, -49.3330



2.3310, 1.3158, -2.0443

Inverse Universe

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



96.4360, 5.7011, 38.2056



113.7790, 8.9830, 58.9528



131.0740, -29.1235, 7.8281



64.5490, 0.7153, 3.9035



47.7470, 10.9707, 74.7669



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 100.8840, 19.2842, -25.3313 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 100.8840, 19.2842, -25.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

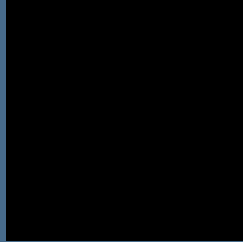
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

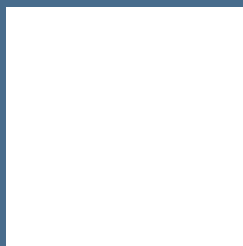
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.8840, 19.2842, -25.3313

Background



This preview shows how black text looks on a background with the YUV color 100.8840, 19.2842, -25.3313.



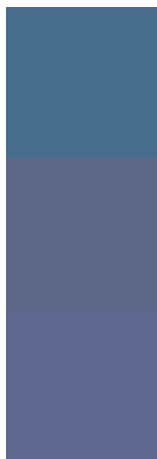
This preview shows how white text looks on a background with the YUV color 100.8840, 19.2842, -25.3313.

-25.3313.

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

100.8840, 19.2842, -25.3313

Protanopia

104.3700, 15.5936, -8.2175

Deuteranopia

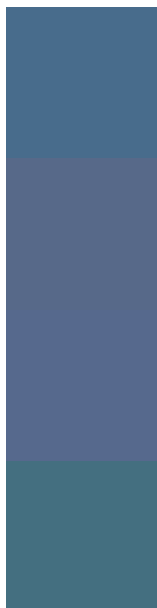
104.6410, 17.9250, -9.3322



Tritanopia

99.2720, 10.7119, -29.1795

Trichromacy



Original Color

100.8840, 19.2842, -25.3313

Protanomaly

103.2660, 16.6309, -14.2653

Deuteranomaly

103.4230, 18.5255, -15.2800

Tritanomaly

100.0810, 13.7641, -28.1350

Monochromacy



Original Color

100.8840, 19.2842, -25.3313

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.0680, 6.8685, -9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8840, 19.2842, -25.3313 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(72, 108, 140)` looks like.

```
.text, #text, p{  
    color:rgb(72, 108, 140)  
}
```

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(72, 108, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 108, 140) }
```

Border

The CSS property to change the border of an element to YUV 100.8840, 19.2842, -25.3313 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(72, 108, 140) }
```


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

```
.border{ border-color:rgb(72, 108, 140) }
```

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

Here you see how a box with a 4 pixel rgb(72, 108, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 108, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 108, 140);  
box-shadow:4px 4px 4px 4px rgb(72, 108,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 100.8840, 19.2842, -25.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 108, 140) }
```

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

```
.background{ background-color: rgb(72, 108,  
140) }
```

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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