

Converting Colors

YUV(93.2300, 7.7746, -20.3727)

Have a look what the booklet for
YUV(93.2300, 7.7746, -20.3727)
contains.

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Color

**YUV(93.2300, 7.7746,
-20.3727)**

Conversions

Conversions Part 1

Format	Color
Hex	46666D
RGB	70, 102, 109
RGB Percent	27%, 40%, 43%
CMY	0.7255, 0.6000, 0.5725
CMYK	0.36, 0.06, 0.00, 0.57
HSL	191°, 22%, 35%
HSV	191°, 36%, 43%
XYZ	10.0375, 11.9090, 16.2376
YIQ	93.2300, -21.3190, -4.6070

Conversions

Conversions Part 2

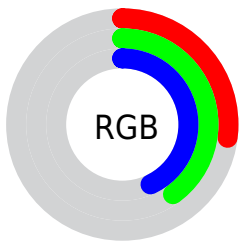
Format	Color
R_{YB}	70, 88, 109
Decimal	4613741
CIE _{Lab}	41.07, -9.66, -7.66
CIE _{LCh}	41, 12.328, 218.422
Yxy	11.9090, 0.2629, 0.3119
Android (android.graphics.Color)	4282803821 (0xFF46666D)
YUV	93.2300, 7.7746, -20.3727
Hunter-Lab	34.5094, -8.4724, -3.7411

Details

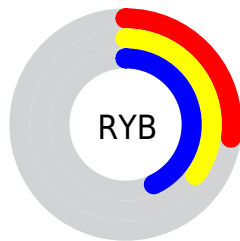
The YUV color **93.2300, 7.7746, -20.3727** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.7700, -7.7746, 20.3727**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9310, 7.9220, -20.9875**, and **46.2300, 7.7746, -20.3727** is the 20% darker color. If you saturate the color by 10%, you get **88.7670, 9.9749, -26.1057**, and if you desaturate by 10%, it is **97.6930, 5.5744, -14.6398**.

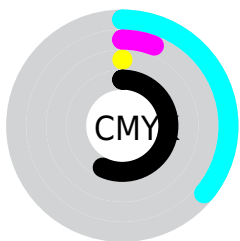
Distribution



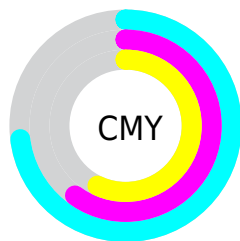
- Red (27%)
- Green (40%)
- Blue (43%)



- Red (27%)
- Yellow (35%)
- Blue (43%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (57%)



- Cyan (73%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2300, 7.7746, -20.3727 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 93.2300, 7.7746, -20.3727 by changing the saturation by 10% instead.

■ 93.2300, 7.7746,
-20.3727

■ 93.2300, 7.7746,
-20.3727

■ 255.0000, 0.0000,
0.0000

■ 69.2300, 7.7746,
-20.3727

■ 143.9310, 7.9220,
-20.9875

■ 46.2300, 7.7746,
-20.3727

■ 170.6320, 8.0694,
-21.6023

■ 24.5180, 7.6326,
-21.5023

■ 197.7460, 8.5062,
-21.7022

■ 6.9760, 6.4208,
-6.1180

■ 226.4470, 8.6536,
-22.3170

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,
-15.9842

■ 93.2300, 7.7746,
-20.3727

■ 93.2300, 7.7746,
-20.3727

■ 88.7670, 9.9749,
-26.1057

■ 97.6930, 5.5744,
-14.6398

■ 84.3040, 12.1751,
-31.8386

■ 102.1560, 3.3741,
-8.9068

■ 79.8410, 14.3754,
-37.5716

■ 106.6190, 1.1738,
-3.1739

■ 75.3780, 16.5756,
-43.3045

■ 111.0820, -1.0264,
2.5591

■ 71.2140, 18.6285,
-48.4227

■ 115.5450, -3.2267,
8.2920

■ 66.7510, 20.8288,
-54.1556

■ 119.7090, -5.2795,
13.4102

■ 64.6690, 21.8552,
-56.7147

■ 124.1720, -7.4798,
19.1432

■ 128.6350, -9.6801,

24.8761

■ 133.0980,
-11.8803, 30.6091

Harmonies

Analogous

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



92.9760, 2.9698, -19.2730



93.2300, 7.7746, -20.3727



94.8330, 9.9423, -15.6395

Triad

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



93.2300, 7.7746, -20.3727



98.7610, 2.5828, 11.6106



96.2150, -9.4730, 5.0734

Complementary

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



93.2300, 7.7746, -20.3727



85.7700, -7.7746, 20.3727

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.



97.2590, -9.4947, 12.0509



93.2300, 7.7746, -20.3727



98.8280, -2.3802, 16.8138

Square

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



93.2300, 7.7746, -20.3727



97.9710, 7.4093, 3.5334



98.0900, -6.4534, 16.5841



94.8440, -6.8251, -4.2482

Rectangle

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



93.2300, 7.7746, -20.3727



96.2790, 10.2155, -9.8917



98.0900, -6.4534, 16.5841



96.5250, -9.6258, 7.4326

Sweetspot

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



93.2300, 7.7746, -20.3727



136.4550, 3.2267, -8.2920



93.6910, -8.2287, -20.7770



67.7220, 1.6161, -5.0182



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.2300, 7.7746, -20.3727



118.0050, 12.3225, -32.4534



82.0770, 13.2730, -10.5915



51.6190, 1.1738, -3.1739



69.6900, 23.3238, -61.1181



145.9170, 48.8479, -127.9692

Inverse Universe

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



85.3090, 8.2287, 20.7770



105.3520, 13.1375, 33.0173



96.9230, -13.2730, 10.5915



50.3640, 1.2995, 3.1888



45.9270, 24.6860, 62.3310



96.1690, 51.6817, 130.5248

Previews

White Background



This preview shows how the YUV color 93.2300, 7.7746, -20.3727 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 93.2300, 7.7746, -20.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

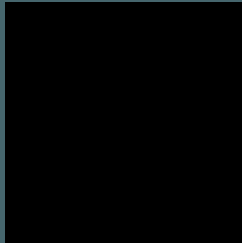
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.2300, 7.7746, -20.3727

Background



This preview shows how black text looks on a background with the YUV color 93.2300, 7.7746, -20.3727.



This preview shows how white text looks on a background with the YUV color 93.2300, 7.7746, -20.3727.

-20.3727.

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

93.2300, 7.7746, -20.3727

Protanopia

97.0260, 3.9312, -0.8998

Deuteranopia

97.4330, 6.6885, 1.3743



Tritanopia

93.3440, 8.2114, -20.4727

Trichromacy



Original Color

93.2300, 7.7746, -20.3727

Protanomaly

95.6230, 5.1159, -7.5624

Deuteranomaly

95.7910, 7.0050, -6.8327

Tritanomaly

93.3440, 8.2114, -20.4727

Monochromacy



Original Color

93.2300, 7.7746, -20.3727

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0530, 2.9319, -7.0625

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2300, 7.7746, -20.3727 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(70, 102, 109)` looks like.

```
.text, #text, p{  
    color:rgb(70, 102, 109)  
}
```

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(70, 102, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 102, 109) }
```

Border

The CSS property to change the border of an element to YUV 93.2300, 7.7746, -20.3727 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(70, 102, 109) }
```


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

```
.border{ border-color:rgb(70, 102, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 102, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 102, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 102, 109);  
box-shadow:4px 4px 4px 4px rgb(70, 102,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 93.2300, 7.7746, -20.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 102, 109) }
```

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

```
.background{ background-color: rgb(70, 102,  
109) }
```

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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