

Converting Colors

YUV(93.9490, 20.7311,
-22.7573)

Have a look what the booklet for
YUV(93.9490, 20.7311, -22.7573)
contains.

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Color

**YUV(93.9490, 20.7311,
-22.7573)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 446388 |
| RGB | 68, 99, 136 |
| RGB Percent | 27%, 39%, 53% |
| CMY | 0.7333, 0.6118, 0.4667 |
| CMYK | 0.50, 0.27, 0.00, 0.47 |
| HSL | 213°, 33%, 40% |
| HSV | 213°, 50%, 53% |
| XYZ | 11.2897, 11.9302, 25.0003 |
| YIQ | 93.9490, -30.3530, 4.9350 |

Conversions

Conversions Part 2

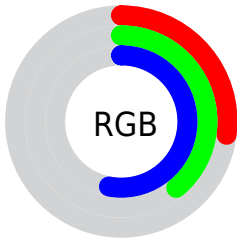
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 68, 89, 136 |
| Decimal | 4481928 |
| CIE Lab | 41.10, -0.36, -24.01 |
| CIE LCh | 41, 24.015, 269.142 |
| Yxy | 11.9302, 0.2341, 0.2474 |
| Android (android.graphics.Color) | 4282672008 (0xFF446388) |
| YUV | 93.9490, 20.7311, -22.7573 |
| Hunter-Lab | 34.5401, -2.1013, -18.7363 |

Details

The YUV color **93.9490, 20.7311, -22.7573** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.0510, -20.7311, 22.7573**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4760, 21.4573, -22.3425**, and **44.5030, 20.4580, -28.5051** is the 20% darker color. If you saturate the color by 10%, you get **85.6540, 24.8206, -27.7606**, and if you desaturate by 10%, it is **102.2440, 16.6417, -17.7540**.

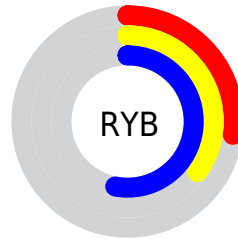
Distribution



Red (27%)

Green (39%)

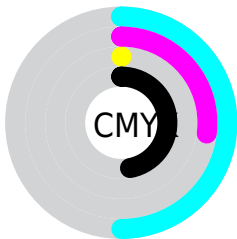
Blue (53%)



Red (27%)

Yellow (35%)

Blue (53%)

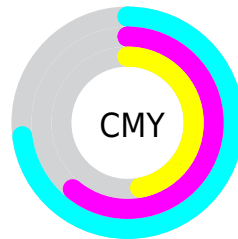


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9490, 20.7311, -22.7573 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 93.9490, 20.7311, -22.7573 by changing the saturation by 10% instead.

■ 93.9490, 20.7311,
-22.7573

■ 93.9490, 20.7311,
-22.7573

■ 255.0000, 0.0000,
0.0000

■ 69.2370, 20.5892,
-23.8868

■ 145.4760, 21.4573,
-22.3425

■ 44.5030, 20.4580,
-28.5051

■ 172.0030, 22.1835,
-21.9276

■ 25.9660, 18.2578,
-22.7722

■ 199.8180, 22.7677,
-22.6424

■ 8.7830, 15.8830,
-7.7027

■ 225.6520, 14.4686,
-20.7428

■ 2.7530, 8.0098,
-2.4144

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 93.9490, 20.7311,
-22.7573

■ 93.9490, 20.7311,
-22.7573

■ 85.6540, 24.8206,
-27.7606

■ 102.2440, 16.6417,
-17.7540

■ 77.0710, 29.0520,
-31.6343

■ 110.8270, 12.4103,
-13.8803

■ 68.7760, 33.1414,
-36.6376

■ 119.1220, 8.3209,
-8.8770

■ 60.1930, 37.3729,
-40.5113

■ 127.7050, 4.0894,
-5.0033

■ 51.8980, 41.4623,
-45.5145


■ 136.0000, 0.0000,
0.0000

■ 144.2950, -4.0894,
5.0033

■ 152.8780, -8.3209,
8.8770

■ 161.1730,

-12.4103, 13.8803

 169.7560,
-16.6417, 17.7540

Harmonies

Analogous

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



86.3330, 21.5278, -45.0190



93.9490, 20.7311, -22.7573



98.2400, 16.1507, -0.2105

Triad

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



93.9490, 20.7311, -22.7573



98.0920, -9.4124, 32.3683



90.9190, -7.3551, -20.9770

Complementary

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



93.9490, 20.7311, -22.7573



110.0510, -20.7311, 22.7573

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.



93.2650, -15.4136, -2.8634



93.9490, 20.7311, -22.7573



97.2130, -16.3740, 25.2462

Square

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



93.9490, 20.7311, -22.7573



99.3720, -0.6764, 30.3688



96.0390, -19.2462, 13.1208



86.0120, 4.9241, -39.4755

Rectangle

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



93.9490, 20.7311, -22.7573



99.4760, 11.5973, 13.6145



96.0390, -19.2462, 13.1208



91.5670, -10.1395, -14.5293

Sweetspot

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



93.9490, 20.7311, -22.7573



160.0080, 7.8841, -8.7770



112.0200, -3.9539, -38.6055



79.5200, 4.6736, -5.7180



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



93.9490, 20.7311, -22.7573



110.8470, 32.1204, -35.8228



76.3500, 29.4075, -5.5689



64.5590, 2.1894, -2.2442



50.3820, 40.7307, -44.1850



1.7440, 1.6052, -1.5295

Inverse Universe

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



91.8660, 3.5171, 38.7055



107.2800, 5.7780, 60.2674



127.6500, -29.4074, 5.5690



64.4350, 0.2785, 4.0035



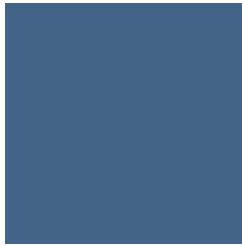
46.6070, 6.6027, 75.7667



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 93.9490, 20.7311, -22.7573 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 93.9490, 20.7311, -22.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

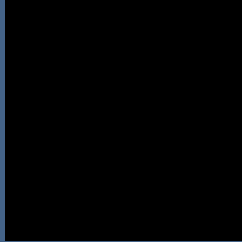
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

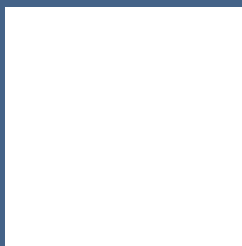
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.9490, 20.7311, -22.7573

Background



This preview shows how black text looks on a background with the YUV color 93.9490, 20.7311, -22.7573.

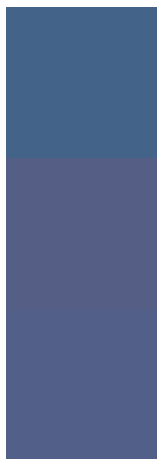


This preview shows how white text looks on a background with the YUV color 93.9490, 20.7311, -22.7573.

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

93.9490, 20.7311, -22.7573

Protanopia

96.3420, 18.0724, -9.9469

Deuteranopia

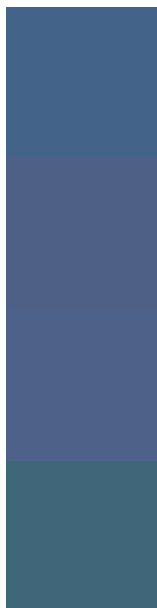
96.4880, 19.9724, -12.7060



Tritanopia

91.7560, 9.9803, -27.8500

Trichromacy



Original Color

93.9490, 20.7311, -22.7573

Protanomaly

95.2490, 19.1042, -14.2504

Deuteranomaly

95.5800, 20.4201, -16.2947

Tritanomaly

92.5050, 14.0480, -25.8759

Monochromacy



Original Color

93.9490, 20.7311, -22.7573

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1930, 7.2999, -8.0623

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9490, 20.7311, -22.7573 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(68, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(68, 99, 136)  
}
```

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(68, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 99, 136) }
```

Border

The CSS property to change the border of an element to YUV 93.9490, 20.7311, -22.7573 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(68, 99, 136) }
```


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

```
.border{ border-color:rgb(68, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 99, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 99, 136);  
box-shadow:4px 4px 4px 4px rgb(68, 99,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 93.9490, 20.7311, -22.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 99, 136) }
```

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

```
.background{ background-color: rgb(68, 99,  
136) }
```

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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