

Converting Colors

YUV(113.9570, 25.1642,
-44.6893)

Have a look what the booklet for
YUV(113.9570, 25.1642, -44.6893)
contains.

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Color

**YUV(113.9570, 25.1642,
-44.6893)**

Conversions

Conversions Part 1

Format	Color
Hex	3F82A5
RGB	63, 130, 165
RGB Percent	25%, 51%, 65%
CMY	0.7529, 0.4902, 0.3529
CMYK	0.62, 0.21, 0.00, 0.35
HSL	201°, 45%, 45%
HSV	201°, 62%, 65%
XYZ	16.8241, 19.7386, 38.5205
YIQ	113.9570, -51.1670, -3.3190

Conversions

Conversions Part 2

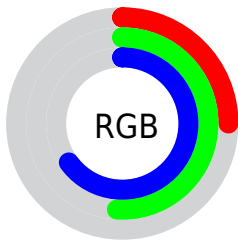
Format	Color
RYB	63, 103, 165
Decimal	4162213
CIELab	51.54, -10.38, -25.00
CIELCh	52, 27.073, 247.445
Yxy	19.7386, 0.2241, 0.2629
Android (android.graphics.Color)	4282352293 (0xFF3F82A5)
YUV	113.9570, 25.1642, -44.6893
Hunter-Lab	44.4282, -10.1550, -20.3064

Details

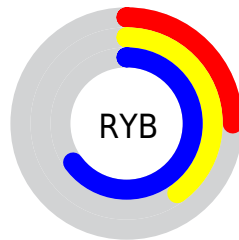
The YUV color **113.9570, 25.1642, -44.6893** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **114.0430, -25.1642, 44.6893**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3810, 25.4482, -42.4301**, and **60.4290, 25.9175, -52.9962** is the 20% darker color. If you saturate the color by 10%, you get **105.6510, 29.2591, -51.4369**, and if you desaturate by 10%, it is **122.5620, 20.9219, -37.3269**.

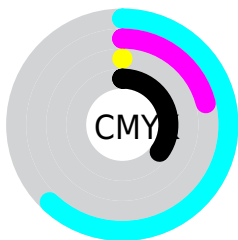
Distribution



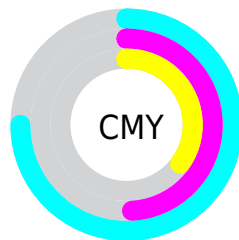
- Red (25%)
- Green (51%)
- Blue (65%)



- Red (25%)
- Yellow (40%)
- Blue (65%)



- Cyan (62%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)



- Cyan (75%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9570, 25.1642, -44.6893 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 113.9570, 25.1642, -44.6893 by changing the saturation by 10% instead.

■ 113.9570, 25.1642,
-44.6893

■ 113.9570, 25.1642,
-44.6893

■ 255.0000, 0.0000,
0.0000

■ 86.4510, 25.9067,
-49.5075

■ 168.3810, 25.4482,
-42.4301

■ 60.4290, 25.9175,
-52.9962

■ 196.4950, 25.8850,
-42.5301

■ 44.0780, 21.6535,
-38.6564

■ 221.9870, 16.2754,
-40.3306

■ 28.5420, 17.9738,
-25.0313

■ 240.0500, 7.3704,
-30.7388

■ 12.5330, 15.0202,
-10.9914

■ 248.7210, 3.0955,
-12.9103

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 113.9570, 25.1642,
-44.6893

■ 113.9570, 25.1642,
-44.6893

■ 105.6510, 29.2591,
-51.4369

■ 122.5620, 20.9219,
-37.3269

■ 97.6330, 33.2119,
-59.3141

■ 130.2810, 17.1165,
-30.0644

■ 89.3270, 37.3068,
-66.0618

■ 138.8860, 12.8742,
-22.7020

■ 82.2060, 40.8174,
-72.0947

■ 147.1920, 8.7793,
-15.9544

■ 155.2100, 4.8265,
-8.0772

■ 163.5160, 0.7316,
-1.3295

■ 171.8220, -3.3632,
5.4181

■ 179.8400, -7.3161,
13.2953

■ 188.1460,
-11.4110, 20.0430

Harmonies

Analogous

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



107.4190, 20.9924, -60.0035



113.9570, 25.1642, -44.6893



121.2530, 23.0463, -18.6389

Triad

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



113.9570, 25.1642, -44.6893



125.3190, -3.6083, 37.4312



118.2920, -16.4130, -9.0261

Complementary

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



113.9570, 25.1642, -44.6893



114.0430, -25.1642, 44.6893

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.



120.7460, -21.5668, 10.7468



113.9570, 25.1642, -44.6893



123.9740, -13.7912, 36.8568

Square

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



113.9570, 25.1642, -44.6893



126.4130, 7.1914, 26.8248



122.4860, -20.4526, 26.7608



114.4340, -5.1440, -30.1986

Rectangle

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



113.9570, 25.1642, -44.6893



124.7390, 19.3557, -1.5251



122.4860, -20.4526, 26.7608



119.0540, -18.7606, -2.6784

Sweetspot

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



113.9570, 25.1642, -44.6893



193.8220, 9.9478, -17.3839



126.7500, -14.6668, -55.9087



94.8290, 6.0003, -11.2510



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



113.9570, 25.1642, -44.6893



135.0600, 38.9174, -69.3356



84.6070, 39.6337, -18.9493



77.5480, 2.1948, -3.9886



72.2950, 35.8436, -63.4027



9.0960, 4.3897, -7.9772

Inverse Universe

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



101.1360, 14.2300, 56.0087



115.0980, 22.1367, 86.7371



143.3930, -39.6337, 18.9493



76.3750, 1.2941, 4.9331



54.1850, 20.1218, 79.6448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 113.9570, 25.1642, -44.6893 looks on a white 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

Black Background



This preview shows how the YUV color 113.9570, 25.1642, -44.6893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

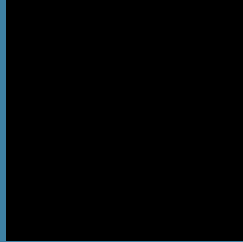
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.9570, 25.1642, -44.6893

Background



This preview shows how black text looks on a background with the YUV color 113.9570, 25.1642, -44.6893.

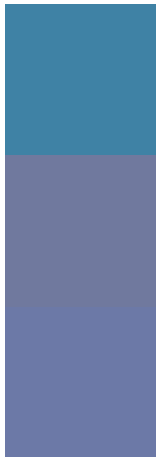


This preview shows how white text looks on a background with the YUV color 113.9570, 25.1642, -44.6893.

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

113.9570, 25.1642, -44.6893

Protanopia

122.5270, 17.4882, -9.2322

Deuteranopia

122.3570, 22.0090, -12.5911



Tritanopia

110.9210, 16.3079, -50.7967

Trichromacy



Original Color

113.9570, 25.1642, -44.6893

Protanomaly

119.2480, 20.5837, -22.1425

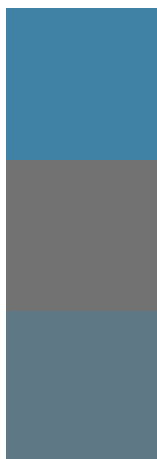
Deuteranomaly

119.2200, 23.0625, -23.8719

Tritanomaly

112.4420, 19.5021, -48.6226

Monochromacy



Original Color

113.9570, 25.1642, -44.6893

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0070, 9.3635, -16.6691

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9570, 25.1642, -44.6893 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(63, 130, 165)` looks like.

```
.text, #text, p{  
    color:rgb(63, 130, 165)  
}
```

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(63, 130, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 130, 165) }
```

Border

The CSS property to change the border of an element to YUV 113.9570, 25.1642, -44.6893 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(63, 130, 165) }
```


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

```
.border{ border-color:rgb(63, 130, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 130, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 130, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 130, 165);  
box-shadow:4px 4px 4px 4px rgb(63, 130,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 113.9570, 25.1642, -44.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 130, 165) }
```

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

```
.background{ background-color: rgb(63, 130,  
165) }
```

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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