

Converting Colors

YUV(99.9370, 22.2161,
-32.3937)

Have a look what the booklet for
YUV(99.9370, 22.2161, -32.3937)
contains.

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Color

**YUV(99.9370, 22.2161,
-32.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6E91
RGB	63, 110, 145
RGB Percent	25%, 43%, 57%
CMY	0.7529, 0.5686, 0.4314
CMYK	0.57, 0.24, 0.00, 0.43
HSL	206°, 39%, 41%
HSV	206°, 57%, 57%
XYZ	12.7367, 14.2530, 28.8679
YIQ	99.9370, -39.2470, 0.9210

Conversions

Conversions Part 2

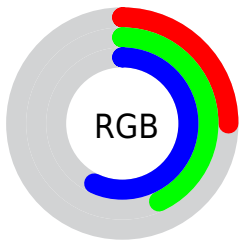
Format	Color
R_{YB}	63, 93, 145
Decimal	4157073
CIE Lab	44.59, -5.32, -24.01
CIE LCh	45, 24.593, 257.519
Yxy	14.2530, 0.2280, 0.2552
Android (android.graphics.Color)	4282347153 (0xFF3F6E91)
YUV	99.9370, 22.2161, -32.3937
Hunter-Lab	37.7531, -5.8478, -18.9089

Details

The YUV color **99.9370, 22.2161, -32.3937** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **108.0630, -22.2161, 32.3937**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1760, 23.0842, -30.8494**, and **47.6970, 22.8274, -41.8303** is the 20% darker color. If you saturate the color by 10%, you get **91.9300, 26.1635, -38.5266**, and if you desaturate by 10%, it is **107.9440, 18.2686, -26.2609**.

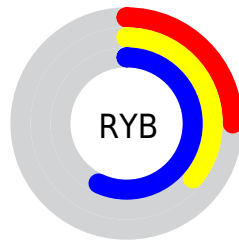
Distribution



Red (25%)

Green (43%)

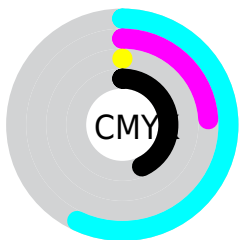
Blue (57%)



Red (25%)

Yellow (36%)

Blue (57%)

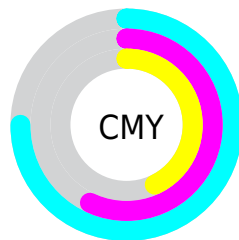


Cyan (57%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (75%)

Magenta (57%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.9370, 22.2161, -32.3937 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 99.9370, 22.2161, -32.3937 by changing the saturation by 10% instead.

■ 99.9370, 22.2161,
-32.3937

■ 99.9370, 22.2161,
-32.3937

■ 255.0000, 0.0000,
0.0000

■ 74.2140, 22.0795,
-35.2677

■ 152.1760, 23.0842,
-30.8494

■ 47.6970, 22.8274,
-41.8303

■ 179.2900, 23.5210,
-30.9493

■ 32.1610, 19.1476,
-28.2052

■ 207.2900, 23.5210,
-30.9493

■ 17.7990, 14.8891,
-15.6097

■ 232.6850, 11.0013,
-28.6647

■ 3.6650, 11.5042,
-3.2142

■ 247.2260, 3.8326,
-15.9842

■ 0.0000, 0.0000,
0.0000

■ 99.9370, 22.2161,
-32.3937

■ 99.9370, 22.2161,
-32.3937

■ 91.9300, 26.1635,
-38.5266

■ 107.9440, 18.2686,
-26.2609

■ 84.2220, 29.9636,
-44.0447

■ 115.6520, 14.4686,
-20.7428

■ 75.6280, 34.2004,
-49.6628

■ 124.2460, 10.2317,
-15.1247

■ 67.9200, 38.0004,
-55.1808

■ 131.9540, 6.4317,
-9.6067

■ 65.2510, 39.3163,
-57.2251

■ 139.9610, 2.4842,
-3.4738

■ 147.6690, -1.3158,
2.0443

■ 155.3770, -5.1159,
7.5624

■ 163.9710, -9.3527,

13.1804

■ 171.6790,
-13.1527, 18.6985

Harmonies

Analogous

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



93.0610, 20.6759, -51.7965



99.9370, 22.2161, -32.3937



105.5810, 18.9406, -8.4025

Triad

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



99.9370, 22.2161, -32.3937



107.2000, -6.5076, 34.0276



100.2250, -11.4499, -14.2293

Complementary

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



99.9370, 22.2161, -32.3937



108.0630, -22.2161, 32.3937

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.



102.9130, -18.1981, 3.5843



99.9370, 22.2161, -32.3937



106.0010, -14.7905, 30.6941

Square

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



99.9370, 22.2161, -32.3937



108.3870, 3.2602, 27.7246



104.7840, -19.1205, 19.4834



96.6770, -0.3338, -33.0427

Rectangle

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



99.9370, 22.2161, -32.3937



107.6430, 14.9660, 6.4521



104.7840, -19.1205, 19.4834



101.4600, -14.5238, -8.2964

Sweetspot

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



99.9370, 22.2161, -32.3937



171.2140, 8.7685, -12.4657



115.0100, -8.8789, -45.6128



83.6230, 5.1159, -7.5624



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



99.9370, 22.2161, -32.3937



118.1440, 34.9320, -50.9923



76.4570, 33.7917, -11.8018



67.1460, 1.9000, -2.7590



60.5890, 36.6846, -53.1366



3.2600, 2.3368, -2.8590

Inverse Universe

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



92.8760, 8.4421, 45.7127



107.0070, 13.3075, 71.9079



131.5430, -33.7917, 11.8018



66.5490, 0.7153, 3.9035



49.1430, 13.7335, 75.2966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 99.9370, 22.2161, -32.3937 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 99.9370, 22.2161, -32.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

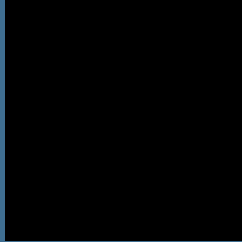
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.9370, 22.2161, -32.3937

Background



This preview shows how black text looks on a background with the YUV color 99.9370, 22.2161, -32.3937.

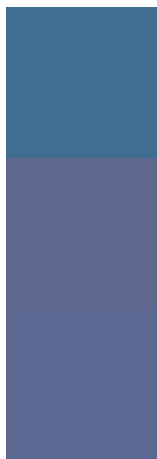


This preview shows how white text looks on a background with the YUV color 99.9370, 22.2161,

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

99.9370, 22.2161, -32.3937

Protanopia

105.4130, 17.0514, -9.1322

Deuteranopia

104.9010, 20.2618, -12.1912



Tritanopia

97.0860, 12.7756, -37.7864

Trichromacy



Original Color

99.9370, 22.2161, -32.3937

Protanomaly

103.2270, 19.1151, -17.7391

Deuteranomaly

103.0850, 21.1571, -19.3685

Tritanomaly

98.3080, 16.1172, -36.2271

Monochromacy



Original Color

99.9370, 22.2161, -32.3937

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2850, 7.7475, -11.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.9370, 22.2161, -32.3937 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, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(63, 110, 145)  
}
```

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, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 110, 145) }
```

Border

The CSS property to change the border of an element to YUV 99.9370, 22.2161, -32.3937 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, 110, 145) }
```


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

```
.border{ border-color:rgb(63, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 110, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 110, 145); box-shadow:4px 4px 4px 4px rgb(63, 110, 145) }
```

Background

The CSS property to change the background color of an element to YUV 99.9370, 22.2161, -32.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 110, 145) }
```

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

```
.background{ background-color: rgb(63, 110,  
145) }
```

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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