

Converting Colors

YUV(93.3170, 22.5217,
-37.1120)

Have a look what the booklet for
YUV(93.3170, 22.5217, -37.1120)
contains.

YUV(93.3170, 22.5217, -37.1120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.3170, 22.5217,
-37.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	336A8B
RGB	51, 106, 139
RGB Percent	20%, 42%, 55%
CMY	0.8000, 0.5843, 0.4549
CMYK	0.63, 0.24, 0.00, 0.45
HSL	202°, 46%, 37%
HSV	202°, 63%, 55%
XYZ	11.1795, 12.8760, 26.3222
YIQ	93.3170, -43.3730, -1.3970

Conversions

Conversions Part 2

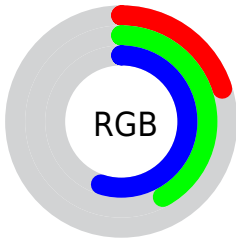
Format	Color
RYB	51, 85, 139
Decimal	3369611
CIELab	42.58, -7.50, -23.60
CIELCh	43, 24.761, 252.365
Yxy	12.8760, 0.2219, 0.2556
Android (android.graphics.Color)	4281559691 (0xFF336A8B)
YUV	93.3170, 22.5217, -37.1120
Hunter-Lab	35.8831, -7.1832, -18.3743

Details

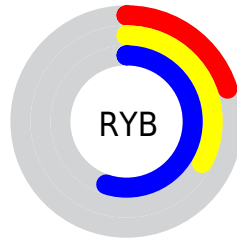
The YUV color **93.3170, 22.5217, -37.1120** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **96.6830, -22.5217, 37.1120**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8550, 23.2425, -34.9528**, and **44.7790, 21.8010, -39.2712** is the 20% darker color. If you saturate the color by 10%, you get **86.1960, 26.0324, -43.1449**, and if you desaturate by 10%, it is **100.4380, 19.0111, -31.0791**.

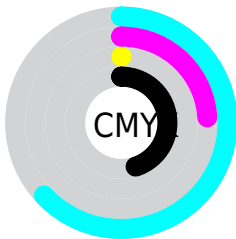
Distribution



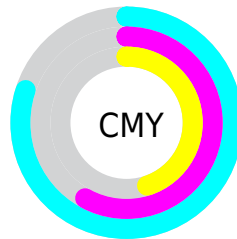
- Red (20%)
- Green (42%)
- Blue (55%)



- Red (20%)
- Yellow (33%)
- Blue (55%)



- Cyan (63%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3170, 22.5217, -37.1120 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 93.3170, 22.5217, -37.1120 by changing the saturation by 10% instead.

■ 93.3170, 22.5217,
-37.1120

■ 93.3170, 22.5217,
-37.1120

■ 255.0000, 0.0000,
0.0000

■ 66.3980, 22.9748,
-42.4450

■ 145.8550, 23.2425,
-34.9528

■ 44.7790, 21.8010,
-39.2712

■ 172.9690, 23.6793,
-35.0528

■ 29.1290, 17.6844,
-25.5461

■ 200.9690, 23.6793,
-35.0528

■ 14.8810, 13.8627,
-13.0506

■ 226.4610, 14.0697,
-32.8533

■ 3.0950, 9.3202,
-2.7143

■ 243.9370, 5.4541,
-22.7467

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,

-4.9182

■ 93.3170, 22.5217,
-37.1120

■ 93.3170, 22.5217,
-37.1120

■ 86.1960, 26.0324,
-43.1449

■ 100.4380, 19.0111,
-31.0791

■ 79.0750, 29.5430,
-49.1778

■ 107.5590, 15.5004,
-25.0462

■ 71.3670, 33.3431,
-54.6959

■ 115.2670, 11.7004,
-19.5282

■ 66.9150, 35.5379,
-58.6845

■ 122.3880, 8.1897,
-13.4953

■ 129.5090, 4.6791,
-7.4624

■ 136.3310, 1.3158,
-2.0443

■ 143.4520, -2.1948,
3.9886

■ 151.1600, -5.9949,
9.5067

■ 158.2810, -9.5055,
15.5396

Harmonies

Analogous

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



85.6260, 20.3974, -55.8000



93.3170, 22.5217, -37.1120



100.0750, 19.6830, -13.2208

Triad

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



93.3170, 22.5217, -37.1120



102.6560, -4.7604, 33.6277



95.6060, -12.6238, -11.0555

Complementary

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



93.3170, 22.5217, -37.1120



96.6830, -22.5217, 37.1120

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.



98.4080, -18.9351, 6.6582



93.3170, 22.5217, -37.1120



101.0550, -13.3381, 31.5238

Square

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



93.3170, 22.5217, -37.1120



103.1310, 4.8654, 26.1951



100.2080, -18.8365, 21.7426



92.4170, -2.6706, -30.1837

Rectangle

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



93.3170, 22.5217, -37.1120



102.5500, 15.9979, 2.1487



100.2080, -18.8365, 21.7426



96.8410, -15.6976, -5.1226

Sweetspot

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



93.3170, 22.5217, -37.1120



163.2030, 8.7739, -14.2100



106.3040, -11.4889, -48.5016



81.0250, 5.4107, -8.7919



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.



93.3170, 22.5217, -37.1120



109.2140, 35.3905, -58.0697



68.0760, 34.9655, -14.9757



65.1460, 1.9000, -2.7590



63.8830, 34.0747, -56.0254



2.3310, 1.3158, -2.0443

Inverse Universe

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



83.5820, 11.0521, 48.6016



94.0660, 17.2225, 76.2411



121.9240, -34.9655, 14.9757



64.5490, 0.7153, 3.9035



49.2290, 16.6491, 73.4672



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 93.3170, 22.5217, -37.1120 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 93.3170, 22.5217, -37.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

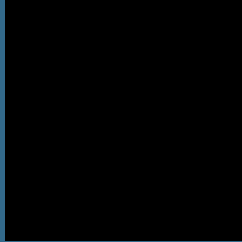
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3170, 22.5217, -37.1120

Background



This preview shows how black text looks on a background with the YUV color 93.3170, 22.5217, -37.1120.

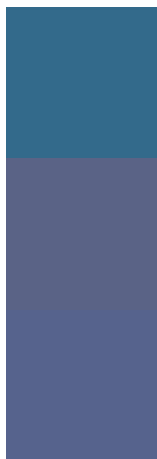


This preview shows how white text looks on a background with the YUV color 93.3170, 22.5217,

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

93.3170, 22.5217, -37.1120

Protanopia

100.2990, 16.6146, -9.0322

Deuteranopia

99.9010, 20.2618, -12.1912



Tritanopia

90.3950, 14.1023, -43.3194

Trichromacy



Original Color

93.3170, 22.5217, -37.1120

Protanomaly

98.1020, 18.6837, -19.3835

Deuteranomaly

97.6610, 20.8731, -21.6277

Tritanomaly

91.8020, 16.8596, -41.0454

Monochromacy



Original Color

93.3170, 22.5217, -37.1120

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.3880, 8.1897, -13.4953

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3170, 22.5217, -37.1120 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(51, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(51, 106, 139)  
}
```

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(51, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 106, 139) }
```

Border

The CSS property to change the border of an element to YUV 93.3170, 22.5217, -37.1120 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(51, 106, 139) }
```


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

```
.border{ border-color:rgb(51, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(51, 106,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 93.3170, 22.5217, -37.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 106, 139) }
```

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

```
.background{ background-color: rgb(51, 106,  
139) }
```

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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