

Converting Colors

YUV(35.9230, 3.4890, 0.9445)

Have a look what the booklet for
YUV(35.9230, 3.4890, 0.9445)
contains.

YUV(35.9230, 3.4890, 0.9445)	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(35.9230, 3.4890,
0.9445)**

Conversions

Conversions Part 1

Format	Color
Hex	25222B
RGB	37, 34, 43
RGB Percent	15%, 13%, 17%
CMY	0.8549, 0.8667, 0.8314
CMYK	0.14, 0.21, 0.00, 0.83
HSL	260°, 12%, 15%
HSV	260°, 21%, 17%
XYZ	1.7710, 1.7118, 2.5226
YIQ	35.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

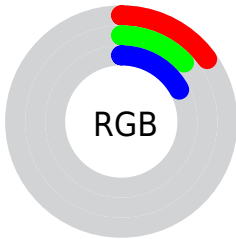
Format	Color
RYB	37, 34, 43
Decimal	2433579
CIELab	13.90, 3.70, -5.47
CIELCh	14, 6.602, 304.036
Yxy	1.7118, 0.2949, 0.2850
Android (android.graphics.Color)	4280623659 (0xFF25222B)
YUV	35.9230, 3.4890, 0.9445
Hunter-Lab	13.0835, 1.2661, -2.2729

Details

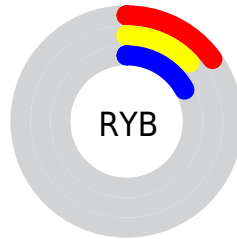
The YUV color **35.9230, 3.4890, 0.9445** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.0770, -3.4890, -0.9445**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.3360, 3.7784, 1.4593**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.6780, 5.0887, 1.1594**, and if you desaturate by 10%, it is **39.1680, 1.8892, 0.7297**.

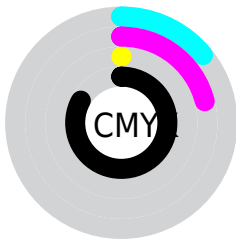
Distribution



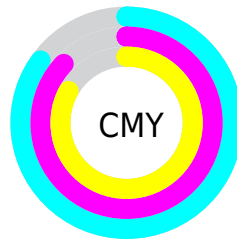
- Red (15%)
- Green (13%)
- Blue (17%)



- Red (15%)
- Yellow (13%)
- Blue (17%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (83%)



- Cyan (85%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.9230, 3.4890, 0.9445 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 35.9230, 3.4890, 0.9445 by changing the saturation by 10% instead.

■ 35.9230, 3.4890,
0.9445

■ 35.9230, 3.4890,
0.9445

■ 255.0000, 0.0000,
0.0000

■ 14.4500, 4.2152,
1.3594

■ 80.3360, 3.7784,
1.4593

■ 0.0000, 0.0000,
0.0000

■ 104.4500, 4.2151,
1.3593

■ 129.4500, 4.2152,
1.3594

■ 155.5640, 4.6519,
1.2594

■ 182.5640, 4.6519,
1.2594

■ 209.8630, 4.5045,

1.8741

■ 238.5640, 4.6519,
1.2594

■ 35.9230, 3.4890,
0.9445

■ 35.9230, 3.4890,
0.9445

■ 32.6780, 5.0887,
1.1594

■ 39.1680, 1.8892,
0.7297

■ 28.8460, 6.9779,
1.8891

■ 43.0000, 0.0000,
0.0000

■ 25.6010, 8.5777,
2.1039

■ 46.2450, -1.5998,
-0.2149

■ 22.6550, 10.0301,
2.9336

■ 49.1910, -3.0522,
-1.0445

■ 19.4100, 11.6299,
3.1484

■ 53.0230, -4.9413,
-1.7742

■ 15.5780, 13.5190,
3.8781

■ 56.2680, -6.5411,
-1.9890

■ 12.3330, 15.1188,
4.0930

■ 59.5130, -8.1409,
-2.2039

■ 9.0880, 16.7186,
4.3078

■ 62.7580, -9.7407,
-2.4188

■ 66.5900, -11.6299,
-3.1484

Harmonies

Analogous

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



35.4170, 4.2314, -3.8737



35.9230, 3.4890, 0.9445



36.3750, 1.2941, 4.9331

Triad

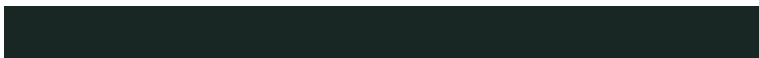
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.9230, 3.4890, 0.9445



35.5940, -4.2368, 5.6181



33.5860, 1.1901, -8.4069

Complementary

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



35.9230, 3.4890, 0.9445



41.0770, -3.4890, -0.9445

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.



34.2120, -1.5835, -5.4479



35.9230, 3.4890, 0.9445



34.8710, -4.3734, 2.7441

Square

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



35.9230, 3.4890, 0.9445



36.2460, -3.0793, 7.6773



34.7780, -3.3416, -1.5593



33.7430, 3.0847, -9.4216

Rectangle

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



35.9230, 3.4890, 0.9445



36.0440, -0.0217, 6.9774



34.7780, -3.3416, -1.5593



33.6570, 0.1691, -7.5922

Sweetspot

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



35.9230, 3.4890, 0.9445



53.6410, 1.1630, 0.3148



38.5480, 2.1948, -3.9886



26.5270, 0.7262, 0.4148



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



35.9230, 3.4890, 0.9445



45.0910, 5.3781, 1.6742



37.4180, 2.7519, 4.0184



18.5270, 0.7262, 0.4148



17.9480, 32.5636, 8.8156



45.3970, 82.1353, 22.4538

Inverse Universe

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



37.3750, 1.2941, 4.9331



47.2120, 1.8675, 7.7071



39.8810, -2.8993, -3.4036



18.8260, 0.5788, 1.0296



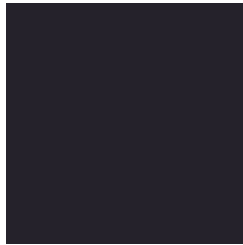
31.5000, 12.0785, 46.0425



79.4620, 30.3382, 116.2358

Previews

White Background



This preview shows how the YUV color 35.9230, 3.4890, 0.9445 looks on a white background.

Color Contrast Check

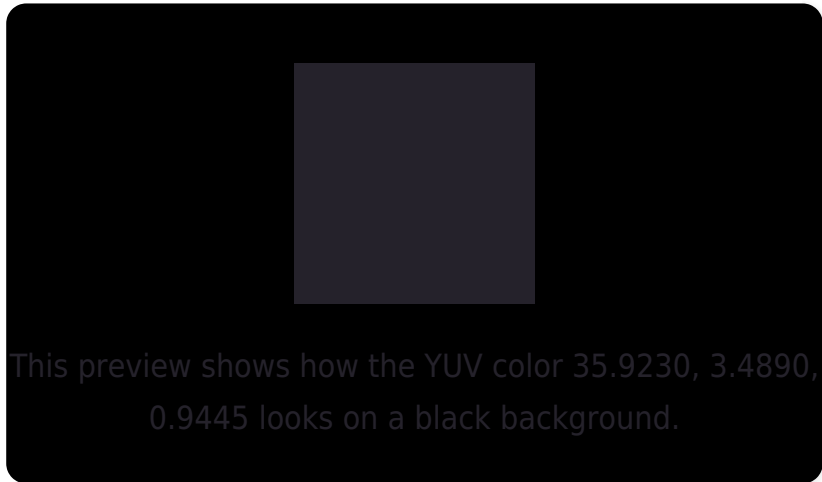
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

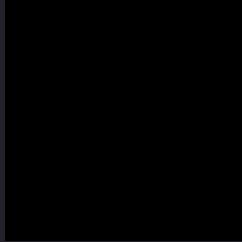
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.9230, 3.4890, 0.9445

Background



This preview shows how black text looks on a background with the YUV color 35.9230, 3.4890, 0.9445.



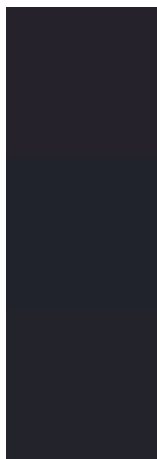
This preview shows how white text looks on a background with the YUV color 35.9230, 3.4890,

0.9445.

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

35.9230, 3.4890, 0.9445

Protanopia

35.4280, 4.2260, -2.1294

Deuteranopia

35.9120, 3.4944, -0.7998



Tritanopia

35.6410, 1.1630, 0.3148

Trichromacy



Original Color

35.9230, 3.4890, 0.9445

Protanomaly

35.7270, 4.0786, -1.5146

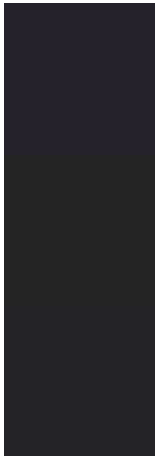
Deuteranomaly

36.2110, 3.3470, -0.1850

Tritanomaly

35.8690, 2.0366, 0.1149

Monochromacy



Original Color

35.9230, 3.4890, 0.9445

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7550, 1.5998, 0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.9230, 3.4890, 0.9445 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(37, 34, 43)` looks like.

```
.text, #text, p{  
    color:rgb(37, 34, 43)  
}
```

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(37, 34, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 34, 43) }
```

Border

The CSS property to change the border of an element to YUV 35.9230, 3.4890, 0.9445 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(37, 34, 43) }
```


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

```
.border{ border-color:rgb(37, 34, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 34, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 34, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 34, 43);  
box-shadow:4px 4px 4px 4px rgb(37, 34, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.9230, 3.4890, 0.9445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 34, 43) }
```

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

```
.background{ background-color: rgb(37, 34,  
43) }
```

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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