

Converting Colors

YUV(94.9550, 35.0252,
-34.1635)

Have a look what the booklet for
YUV(94.9550, 35.0252, -34.1635)
contains.

YUV(94.9550, 35.0252, -34.1635)	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(94.9550, 35.0252,
-34.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	3865A6
RGB	56, 101, 166
RGB Percent	22%, 40%, 65%
CMY	0.7804, 0.6039, 0.3490
CMYK	0.66, 0.39, 0.00, 0.35
HSL	215°, 50%, 44%
HSV	215°, 66%, 65%
XYZ	13.1675, 12.9013, 37.8726
YIQ	94.9550, -47.6850, 10.6750

Conversions

Conversions Part 2

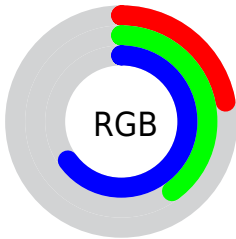
Format	Color
R_{YB}	56, 88, 166
Decimal	3696038
CIE _{Lab}	42.61, 6.07, -39.60
CIE _{LCh}	43, 40.058, 278.716
Yxy	12.9013, 0.2059, 0.2018
Android (android.graphics.Color)	4281886118 (0xFF3865A6)
YUV	94.9550, 35.0252, -34.1635
Hunter-Lab	35.9184, 2.5801, -37.3730

Details

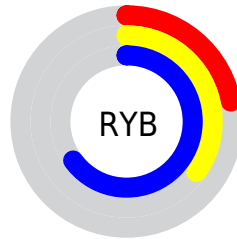
The YUV color **94.9550, 35.0252, -34.1635** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **127.0450, -35.0252, 34.1635**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5040, 35.7405, -30.2600**, and **45.2810, 33.8785, -39.7114** is the 20% darker color. If you saturate the color by 10%, you get **84.0020, 40.4250, -39.4668**, and if you desaturate by 10%, it is **105.9080, 29.6254, -28.8603**.

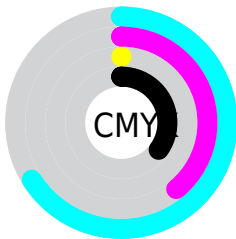
Distribution



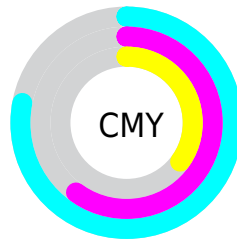
- Red (22%)
- Green (40%)
- Blue (65%)



- Red (22%)
- Yellow (35%)
- Blue (65%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (60%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9550, 35.0252, -34.1635 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 94.9550, 35.0252, -34.1635 by changing the saturation by 10% instead.

■ 94.9550, 35.0252,
-34.1635

■ 94.9550, 35.0252,
-34.1635

■ 255.0000, 0.0000,
0.0000

■ 66.7260, 35.6311,
-41.8557

■ 148.5040, 35.7405,
-30.2600

■ 45.2810, 33.8785,
-39.7114

■ 175.4440, 36.7561,
-29.3304

■ 30.1040, 29.0357,
-26.4012

■ 201.1210, 26.5623,
-26.4161

■ 13.8670, 25.2086,
-12.1614

■ 225.9290, 14.3320,
-23.6167

■ 6.5490, 17.4773,
-5.7435

■ 247.2260, 3.8326,
-15.9842

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 94.9550, 35.0252,
-34.1635

■ 94.9550, 35.0252,
-34.1635

■ 84.0020, 40.4250,
-39.4668

■ 105.9080, 29.6254,
-28.8603

■ 73.3480, 45.6774,
-44.1552

■ 116.5620, 24.3729,
-24.1719

■ 62.9820, 50.7879,
-49.9732

■ 126.9280, 19.2625,
-18.3539

■ 58.8400, 52.8299,
-51.6027

■ 137.5820, 14.0101,
-13.6654

■ 148.5350, 8.6102,
-8.3622

■ 159.4880, 3.2104,
-3.0590

■ 170.1420, -2.0420,
1.6295

■ 180.5080, -7.1524,
7.4475

■ 191.1620,
-12.4049, 12.1359

Harmonies

Analogous

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



83.6250, 38.6389, -73.3391



94.9550, 35.0252, -34.1635



103.3690, 23.9751, 10.2004

Triad

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



94.9550, 35.0252, -34.1635



99.6830, -19.0707, 50.2670



79.6430, -2.2890, -59.3229

Complementary

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



94.9550, 35.0252, -34.1635



127.0450, -35.0252, 34.1635

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.



91.9400, -22.6484, -15.7334



94.9550, 35.0252, -34.1635



98.4240, -29.7890, 34.7082

Square

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



94.9550, 35.0252, -34.1635



100.3040, -4.0939, 53.2304



96.2980, -32.1919, 12.0167



81.2190, 14.1890, -71.2291

Rectangle

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



94.9550, 35.0252, -34.1635



103.6230, 15.4689, 31.9026



96.2980, -32.1919, 12.0167



86.8860, -10.7898, -39.3650

Sweetspot

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



94.9550, 35.0252, -34.1635



188.5820, 14.0101, -13.6654



127.8660, -3.8779, -63.0265



92.5350, 8.6102, -8.3622



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



94.9550, 35.0252, -34.1635



104.5130, 55.4561, -53.9469



71.2310, 46.7211, -5.4646



78.6730, 2.6262, -2.3442



52.6790, 46.9933, -46.1995



6.9760, 6.4208, -6.1180

Inverse Universe

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



94.0200, 3.4411, 63.1265



103.1200, 5.3638, 99.8728



150.7690, -46.7211, 5.4646



78.7340, 0.1311, 4.6183



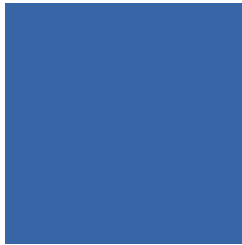
51.2060, 4.8284, 84.8883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 94.9550, 35.0252, -34.1635 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 94.9550, 35.0252, -34.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

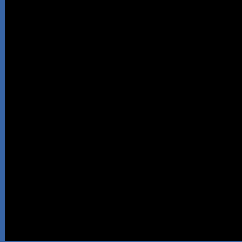
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9550, 35.0252, -34.1635

Background



This preview shows how black text looks on a background with the YUV color 94.9550, 35.0252, -34.1635.



This preview shows how white text looks on a background with the YUV color 94.9550, 35.0252,

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

94.9550, 35.0252, -34.1635

Protanopia

98.2340, 31.9296, -21.2532

Deuteranopia

95.2540, 34.8778, -33.5488



Tritanopia

86.6110, 16.4608, -53.1558

Trichromacy



Original Color

94.9550, 35.0252, -34.1635

Protanomaly

96.8420, 33.1089, -26.1714

Deuteranomaly

95.2540, 34.8778, -33.5488

Tritanomaly

89.4900, 23.4224, -46.0337

Monochromacy



Original Color

94.9550, 35.0252, -34.1635

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9520, 12.8417, -12.2359

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9550, 35.0252, -34.1635 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(56, 101, 166)` looks like.

```
.text, #text, p{  
    color:rgb(56, 101, 166)  
}
```

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(56, 101, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 101, 166) }
```

Border

The CSS property to change the border of an element to YUV 94.9550, 35.0252, -34.1635 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(56, 101, 166) }
```


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

```
.border{ border-color:rgb(56, 101, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 101, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 101, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 101, 166);  
box-shadow:4px 4px 4px 4px rgb(56, 101,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 94.9550, 35.0252, -34.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 101, 166) }
```

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

```
.background{ background-color: rgb(56, 101,  
166) }
```

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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