

Converting Colors

YUV(55.4550, 19.9887,
-17.9390)

Have a look what the booklet for
YUV(55.4550, 19.9887, -17.9390)
contains.

YUV(55.4550, 19.9887, -17.9390)	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(55.4550, 19.9887,
-17.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	233A60
RGB	35, 58, 96
RGB Percent	14%, 23%, 38%
CMY	0.8627, 0.7725, 0.6235
CMYK	0.64, 0.40, 0.00, 0.62
HSL	217°, 47%, 26%
HSV	217°, 64%, 38%
XYZ	4.3175, 4.2280, 11.6549
YIQ	55.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

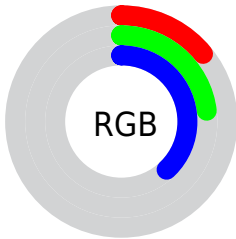
Format	Color
R_{YB}	35, 52, 96
Decimal	2308704
CIE _{Lab}	24.41, 4.22, -25.29
CIE _{LCh}	24, 25.636, 279.467
Yxy	4.2280, 0.2137, 0.2093
Android (android.graphics.Color)	4280498784 (0xFF233A60)
YUV	55.4550, 19.9887, -17.9390
Hunter-Lab	20.5620, 1.4970, -19.2130

Details

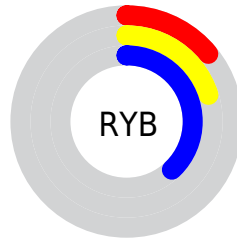
The YUV color **55.4550, 19.9887, -17.9390** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **75.5450, -19.9887, 17.9390**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1070, 21.1462, -15.8798**, and **14.3910, 17.0622, -12.6209** is the 20% darker color. If you saturate the color by 10%, you get **48.9430, 23.1991, -20.9980**, and if you desaturate by 10%, it is **61.9670, 16.7783, -14.8801**.

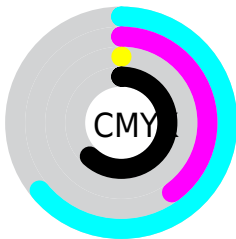
Distribution



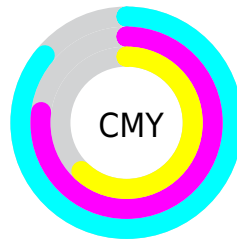
- Red (14%)
- Green (23%)
- Blue (38%)



- Red (14%)
- Yellow (20%)
- Blue (38%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.4550, 19.9887, -17.9390 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 55.4550, 19.9887, -17.9390 by changing the saturation by 10% instead.

■ 55.4550, 19.9887,
-17.9390

■ 55.4550, 19.9887,
-17.9390

■ 255.0000, 0.0000,
0.0000

■ 31.4220, 20.0050,
-23.1721

■ 104.1070, 21.1462,
-15.8798

■ 14.3910, 17.0622,
-12.6209

■ 129.3350, 22.0198,
-16.0798

■ 4.3660, 11.6516,
-3.8290

■ 155.7480, 22.3092,
-15.5650

■ 0.0000, 0.0000,
0.0000

■ 182.8620, 22.7460,
-15.6650

■ 209.7480, 22.3092,
-15.5650

■ 234.8550, 9.9315,

-12.1508

253.5050, 0.7370,
-3.0739

55.4550, 19.9887,
-17.9390

55.4550, 19.9887,
-17.9390

48.9430, 23.1991,
-20.9980

61.9670, 16.7783,
-14.8801

42.7300, 26.2621,
-23.4422

68.1800, 13.7153,
-12.4359

36.2180, 29.4725,
-26.5012

74.6920, 10.5048,
-9.3769

32.0760, 31.5145,
-28.1307

80.9050, 7.4418,
-6.9327

87.4170, 4.2314,
-3.8737

■ 93.9290, 1.0210,
-0.8147

■ 100.1420, -2.0420,
1.6295

■ 106.6540, -5.2524,
4.6884

■ 112.8670, -8.3154,
7.1326

Harmonies

Analogous

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



48.2840, 22.5380, -42.3451



55.4550, 19.9887, -17.9390



59.4150, 14.0924, 6.6520

Triad

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



55.4550, 19.9887, -17.9390



57.5000, -11.5855, 29.3795



47.6340, -1.7916, -32.1280

Complementary

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



55.4550, 19.9887, -17.9390



75.5450, -19.9887, 17.9390

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.



53.2040, -12.9186, -9.8259



55.4550, 19.9887, -17.9390



56.8380, -17.6681, 20.3131

Square

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



55.4550, 19.9887, -17.9390



58.2150, -2.5710, 31.3834



55.5220, -18.4983, 6.5582



47.2120, 8.2765, -41.4049

Rectangle

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



55.4550, 19.9887, -17.9390



60.1130, 8.8183, 18.3179



55.5220, -18.4983, 6.5582



50.2500, -6.0393, -23.0212

Sweetspot

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



55.4550, 19.9887, -17.9390



109.0190, 7.8786, -7.0327



75.1390, -1.0545, -35.2019



54.2320, 4.8156, -4.5885



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



55.4550, 19.9887, -17.9390



61.9620, 31.0777, -28.0307



44.0470, 25.6128, -1.7952



45.0430, 1.4578, -0.9147



37.4220, 36.7670, -32.8191



80.1900, 78.7863, -70.3266

Inverse Universe

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



55.8610, 1.0545, 35.2019



62.5090, 1.7211, 54.8046



86.9530, -25.6128, 1.7952



45.3100, -0.1528, 2.3591



38.2760, 1.8359, 64.6559



82.0200, 3.9341, 138.5485

Previews

White Background



This preview shows how the YUV color 55.4550, 19.9887, -17.9390 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



This preview shows how the YUV color 55.4550, 19.9887, -17.9390 looks on a 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 55.4550, 19.9887, -17.9390

Background



This preview shows how black text looks on a background with the YUV color 55.4550, 19.9887, -17.9390.



This preview shows how white text looks on a background with the YUV color 55.4550, 19.9887, -17.9390.

-17.9390.

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

55.4550, 19.9887, -17.9390

Protanopia

57.1460, 18.6620, -12.4060

Deuteranopia

54.8570, 20.2835, -19.1686



Tritanopia

51.4140, 8.6699, -27.5501

Trichromacy



Original Color

55.4550, 19.9887, -17.9390

Protanomaly

56.2490, 19.1042, -14.2504

Deuteranomaly

55.1560, 20.1361, -18.5538

Tritanomaly

52.8750, 12.8796, -24.4464

Monochromacy



Original Color

55.4550, 19.9887, -17.9390

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.2040, 7.2944, -6.3179

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.4550, 19.9887, -17.9390 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(35, 58, 96)` looks like.

```
.text, #text, p{  
    color:rgb(35, 58, 96)  
}
```

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(35, 58, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 58, 96) }
```

Border

The CSS property to change the border of an element to YUV 55.4550, 19.9887, -17.9390 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(35, 58, 96) }
```


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

```
.border{ border-color:rgb(35, 58, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 58, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 58, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 58, 96);  
box-shadow:4px 4px 4px 4px rgb(35, 58, 96)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.4550, 19.9887, -17.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 58, 96) }
```

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

```
.background{ background-color: rgb(35, 58,  
96) }
```

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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