

Converting Colors

YUV(55.1790, 22.0968, 5.9820)

Have a look what the booklet for
YUV(55.1790, 22.0968, 5.9820)
contains.

YUV(55.1790, 22.0968, 5.9820)	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(55.1790, 22.0968,
5.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2B64
RGB	62, 43, 100
RGB Percent	24%, 17%, 39%
CMY	0.7569, 0.8314, 0.6078
CMYK	0.38, 0.57, 0.00, 0.61
HSL	260°, 40%, 28%
HSV	260°, 57%, 39%
XYZ	5.1507, 3.6720, 12.4939
YIQ	55.1790, -6.9730, 21.7550

Conversions

Conversions Part 2

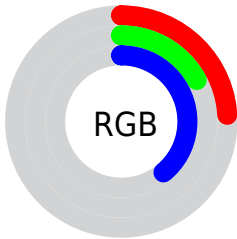
Format	Color
R_{YB}	62, 43, 100
Decimal	4074340
CIE _{Lab}	22.56, 23.02, -30.71
CIE _{LCh}	23, 38.382, 306.856
Yxy	3.6720, 0.2416, 0.1723
Android (android.graphics.Color)	4282264420 (0xFF3E2B64)
YUV	55.1790, 22.0968, 5.9820
Hunter-Lab	19.1624, 14.4454, -25.2433

Details

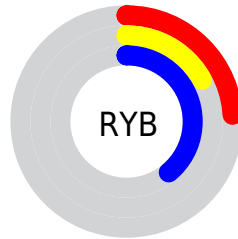
The YUV color **55.1790, 22.0968, 5.9820** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.8210, -22.0968, -5.9820**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9450, 23.6911, 7.9412**, and **11.4240, 20.4970, 5.7672** is the 20% darker color. If you saturate the color by 10%, you get **47.2160, 26.0225, 6.8266**, and if you desaturate by 10%, it is **63.1420, 18.1710, 5.1375**.

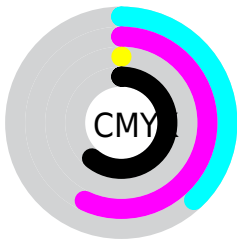
Distribution



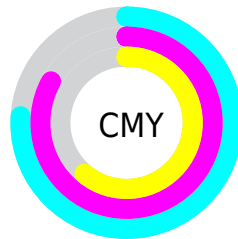
- Red (24%)
- Green (17%)
- Blue (39%)



- Red (24%)
- Yellow (17%)
- Blue (39%)



- Cyan (38%)
- Magenta (57%)
- Yellow (0%)
- Black (61%)



- Cyan (76%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.1790, 22.0968, 5.9820 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 55.1790, 22.0968, 5.9820 by changing the saturation by 10% instead.

■ 55.1790, 22.0968,
5.9820

■ 55.1790, 22.0968,
5.9820

■ 255.0000, 0.0000,
0.0000

■ 32.9400, 21.2286,
4.4376

■ 102.9450, 23.6911,
7.9412

■ 11.4240, 20.4970,
5.7672

■ 128.4720, 24.4173,
8.3561

■ 4.7080, 12.9620,
-4.1289

■ 154.4120, 25.4329,
9.2857

■ 0.2280, 0.8736,
-0.2000

■ 181.8250, 25.7223,
9.8005

■ 0.0000, 0.0000,
0.0000

■ 208.4400, 22.9541,
11.0151

■ 233.5470, 10.5763,

14.4293

252.0650, 1.4470,
2.5740

55.1790, 22.0968,
5.9820

55.1790, 22.0968,
5.9820

47.2160, 26.0225,
6.8266

63.1420, 18.1710,
5.1375

39.5520, 29.8009,
8.2859

70.8060, 14.3926,
3.6781

31.5890, 33.7266,
9.1304

78.7690, 10.4669,
2.8336

23.6260, 37.6524,
9.9750

86.7320, 6.5411,
1.9890

21.2670, 38.8154,
10.2898

94.3960, 2.7628,
0.5297

■ 102.3590, -1.1630,
-0.3148

■ 110.3220, -5.0887,
-1.1594

■ 117.9860, -8.8671,
-2.6187

■ 125.9490,
-12.7929, -3.4633

Harmonies

Analogous

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



44.9390, 32.5681, -39.4115



55.1790, 22.0968, 5.9820



53.0210, 11.8216, 35.0616

Triad

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



55.1790, 22.0968, 5.9820



50.9440, -25.1154, 28.9901



46.1690, 6.8187, -40.4902

Complementary

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



55.1790, 22.0968, 5.9820



87.8210, -22.0968, -5.9820

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.



41.5750, -5.7065, -36.4613



55.1790, 22.0968, 5.9820



50.5240, -24.9083, 9.1875

Square

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



55.1790, 22.0968, 5.9820



49.6050, -14.1023, 43.3194



45.3640, -22.3645, -13.4742



48.7740, 19.3384, -42.7748

Rectangle

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



55.1790, 22.0968, 5.9820



49.4370, 4.2216, 46.0978



45.3640, -22.3645, -13.4742



44.4420, 2.7401, -38.9756

Sweetspot

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



55.1790, 22.0968, 5.9820



112.6010, 8.5777, 2.1039



71.8040, 13.9006, -25.2611



55.6780, 5.0887, 1.1594



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



55.1790, 22.0968, 5.9820



60.7030, 34.1634, 9.0305



63.8500, 17.8219, 23.8105



47.1680, 1.8892, 0.7297



24.4720, 44.6303, 11.8641



51.8070, 93.7651, 25.6023

Inverse Universe

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



64.3750, 8.1961, 31.2431



75.0380, 12.7993, 48.2017



79.4490, -17.9694, -23.1958



47.8370, 0.5734, 2.7740



43.0490, 16.2448, 63.1010



90.7120, 34.6520, 132.6796

Previews

White Background



This preview shows how the YUV color 55.1790, 22.0968, 5.9820 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 55.1790, 22.0968, 5.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

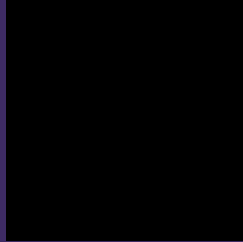
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.1790, 22.0968, 5.9820

Background



This preview shows how black text looks on a background with the YUV color 55.1790, 22.0968, 5.9820.



This preview shows how white text looks on a background with the YUV color 55.1790, 22.0968,

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

55.1790, 22.0968, 5.9820

Protanopia

46.6520, 31.2306, -30.3898

Deuteranopia

46.3330, 24.9788, -31.8640



Tritanopia

54.1570, 1.8946, -1.0147

Trichromacy



Original Color

55.1790, 22.0968, 5.9820

Protanomaly

49.8170, 27.6982, -17.3795

Deuteranomaly

49.7800, 23.7725, -18.2241

Tritanomaly

54.4160, 9.1619, 1.3892

Monochromacy



Original Color

55.1790, 22.0968, 5.9820

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.3730, 7.7041, 2.3039

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1790, 22.0968, 5.9820 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(62, 43, 100)` looks like.

```
.text, #text, p{  
    color:rgb(62, 43, 100)  
}
```

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(62, 43, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 43, 100) }
```

Border

The CSS property to change the border of an element to YUV 55.1790, 22.0968, 5.9820 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(62, 43, 100) }
```


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

```
.border{ border-color:rgb(62, 43, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 43, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 43, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 43, 100);  
box-shadow:4px 4px 4px 4px rgb(62, 43,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 55.1790, 22.0968, 5.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 43, 100) }
```

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

```
.background{ background-color: rgb(62, 43,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor