

Converting Colors

YUV(55.2620, -20.8352, 9.4172)

Have a look what the booklet for
YUV(55.2620, -20.8352, 9.4172)
contains.

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Color

**YUV(55.2620, -20.8352,
9.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	423A0D
RGB	66, 58, 13
RGB Percent	26%, 23%, 5%
CMY	0.7412, 0.7725, 0.9490
CMYK	0.00, 0.12, 0.80, 0.74
HSL	51°, 67%, 15%
HSV	51°, 80%, 26%
XYZ	3.8325, 4.2134, 0.9920
YIQ	55.2620, 19.2130, -12.2990

Conversions

Conversions Part 2

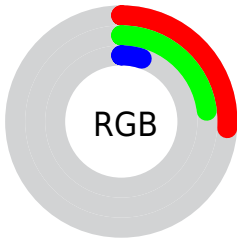
Format	Color
R_{YB}	22, 66, 13
Decimal	4340237
CIE Lab	24.36, -2.53, 27.82
CIE LCh	24, 27.937, 95.199
Yxy	4.2134, 0.4240, 0.4662
Android (android.graphics.Color)	4282530317 (0xFF423A0D)
YUV	55.2620, -20.8352, 9.4172
Hunter-Lab	20.5266, -2.5943, 11.5032

Details

The YUV color **55.2620, -20.8352, 9.4172** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.7380, 20.8352, -9.4172**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9310, -22.1510, 11.4615**, and **14.4750, -7.1362, 2.2144** is the 20% darker color. If you saturate the color by 10%, you get **53.8770, -23.6034, 10.6319**, and if you desaturate by 10%, it is **56.6470, -18.0670, 8.2026**.

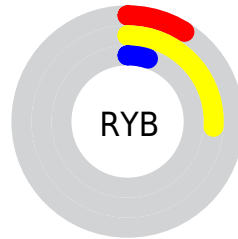
Distribution



 Red (26%)

 Green (23%)

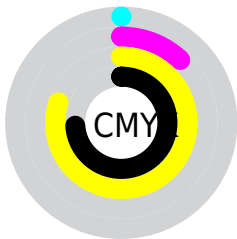
 Blue (5%)



 Red (9%)

 Yellow (26%)

 Blue (5%)

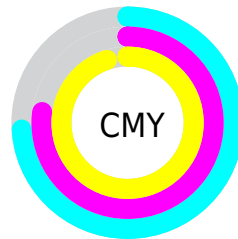


 Cyan (0%)

 Magenta (12%)

 Yellow (80%)

 Black (74%)



 Cyan (74%)

 Magenta (77%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2620, -20.8352, 9.4172 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 55.2620, -20.8352, 9.4172 by changing the saturation by 10% instead.

■ 55.2620, -20.8352,
9.4172

■ 55.2620, -20.8352,
9.4172

■ 253.4040, -6.1152,
1.3997

■ 33.9890, -16.7566,
7.9026

■ 102.9310,
-22.1510, 11.4615

■ 14.4750, -7.1362,
2.2144

■ 128.1160,
-22.7352, 12.1763

■ 0.0000, 0.0000,
0.0000


■ 154.1870,
-23.7562, 12.9910


■ 181.3720,
-24.3404, 13.7058


■ 208.5570,
-24.9246, 14.4205


■ 237.6280,


-25.9456, 15.2352


 250.2120,
-18.3455, 4.1991


 55.2620, -20.8352,
9.4172


 55.2620, -20.8352,
9.4172


 53.8770, -23.6034,
10.6319


 56.6470, -18.0670,
8.2026

 52.6060, -25.9348,
11.7465

 57.9180, -15.7356,
7.0879

 59.3030, -12.9674,
5.8733

 60.5740, -10.6360,
4.7586

 61.9590, -7.8678,
3.5440

■ 63.3440, -5.0996,
2.3293

■ 64.6150, -2.7682,
1.2146

■ 66.0000, 0.0000,
0.0000

■ 67.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



56.3330, -18.4052, 23.3870



55.2620, -20.8352, 9.4172



53.2320, -15.3974, -8.0965

Triad

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



55.2620, -20.8352, 9.4172



49.2640, 16.1388, -43.2045



59.6190, 8.0758, 23.1361

Complementary

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



55.2620, -20.8352, 9.4172



23.7380, 20.8352, -9.4172

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.



59.5610, 15.9924, 3.8930



55.2620, -20.8352, 9.4172



49.0990, 23.1222, -43.0598

Square

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



55.2620, -20.8352, 9.4172



46.8700, 6.9661, -41.1050



52.6110, 23.3628, -26.8458



57.8670, -1.4134, 33.4426

Rectangle

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



55.2620, -20.8352, 9.4172



49.9790, -8.3706, -21.9066



52.6110, 23.3628, -26.8458



59.6830, 11.0023, 17.8180

Sweetspot

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



55.2620, -20.8352, 9.4172



82.8450, -8.3046, 3.6439



29.8730, -3.8814, 31.6834



40.4580, -4.6628, 2.2293



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



55.2620, -20.8352, 9.4172



69.7930, -32.9289, 15.0905



54.5760, -20.4970, -5.7672



32.6580, -1.3104, 0.2999



77.1370, -38.0285, 17.4199



179.0930, -88.2928, 39.3834

Inverse Universe

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



23.7380, 20.8352, -9.4172



20.2070, 32.9289, -15.0905



24.4240, 20.4970, 5.7672



30.3420, 1.3104, -0.2999



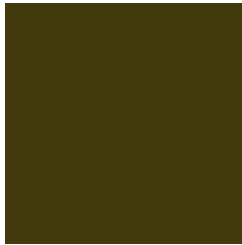
19.8630, 38.0285, -17.4199



45.4940, 88.0035, -39.8982

Previews

White Background



This preview shows how the YUV color 55.2620, -20.8352, 9.4172 looks on a white background.

Color Contrast Check

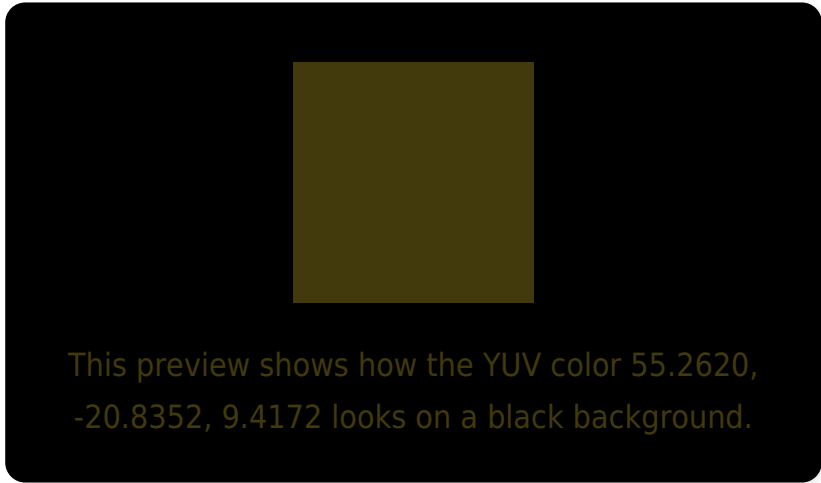
Large Text (above 18pt) WCAG AA ✓ Pass

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

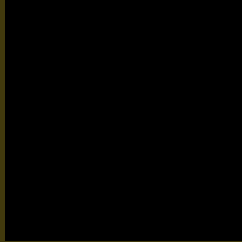
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2620, -20.8352, 9.4172

Background



This preview shows how black text looks on a background with the YUV color 55.2620, -20.8352, 9.4172.



This preview shows how white text looks on a background with the YUV color 55.2620, -20.8352,

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

55.2620, -20.8352, 9.4172

Protanopia

54.9630, -20.6878, 8.8024

Deuteranopia

55.7080, -20.5620, 15.1651



Tritanopia

58.9410, -0.4639, 8.8217

Trichromacy



Original Color

55.2620, -20.8352, 9.4172

Protanomaly

54.9630, -20.6878, 8.8024

Deuteranomaly

55.3980, -20.4092, 12.8060

Tritanomaly

57.4050, -7.5947, 9.2918

Monochromacy



Original Color

55.2620, -20.8352, 9.4172

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0730, -7.4310, 3.4440

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2620, -20.8352, 9.4172 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(66, 58, 13)` looks like.

```
.text, #text, p{  
    color:rgb(66, 58, 13)  
}
```

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(66, 58, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 58, 13) }
```

Border

The CSS property to change the border of an element to YUV 55.2620, -20.8352, 9.4172 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(66, 58, 13) }
```


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

```
.border{ border-color:rgb(66, 58, 13) }
```

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

Here you see how a box with a 4 pixel rgb(66, 58, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 58, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 58, 13);  
box-shadow:4px 4px 4px 4px rgb(66, 58, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.2620, -20.8352, 9.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 58, 13) }
```

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

```
.background{ background-color: rgb(66, 58,  
13) }
```

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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