

Converting Colors

YUV(55.2260, -26.2404,
16.4648)

Have a look what the booklet for
YUV(55.2260, -26.2404, 16.4648)
contains.

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Color

**YUV(55.2260, -26.2404,
16.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3802
RGB	74, 56, 2
RGB Percent	29%, 22%, 1%
CMY	0.7098, 0.7804, 0.9922
CMYK	0.00, 0.24, 0.97, 0.71
HSL	45°, 95%, 15%
HSV	45°, 97%, 29%
XYZ	4.2492, 4.2886, 0.6613
YIQ	55.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

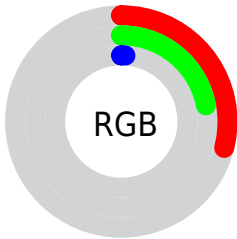
Format	Color
RYB	26, 74, 2
Decimal	4864002
CIELab	24.60, 2.44, 32.96
CIELCh	25, 33.052, 85.763
Yxy	4.2886, 0.4619, 0.4662
Android (android.graphics.Color)	4283054082 (0xFF4A3802)
YUV	55.2260, -26.2404, 16.4648
Hunter-Lab	20.7089, 0.3852, 12.6030

Details

The YUV color **55.2260, -26.2404, 16.4648** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **20.7740, 26.2404, -16.4648**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8350, -26.5407, 19.4387**, and **15.6930, -7.7366, 8.1622** is the 20% darker color. If you saturate the color by 10%, you get **54.9980, -27.1140, 16.6648**, and if you desaturate by 10%, it is **57.1980, -23.7616, 14.7354**.

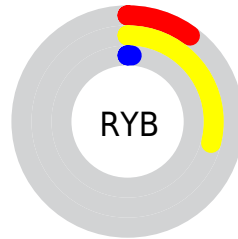
Distribution



Red (29%)

Green (22%)

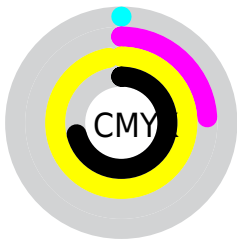
Blue (1%)



Red (10%)

Yellow (29%)

Blue (1%)

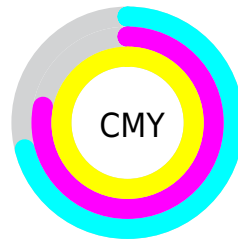


Cyan (0%)

Magenta (24%)

Yellow (97%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2260, -26.2404, 16.4648 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 55.2260, -26.2404, 16.4648 by changing the saturation by 10% instead.

■ 55.2260, -26.2404,
16.4648

■ 55.2260, -26.2404,
16.4648

■ 252.3780,
-10.0464, 2.2995

■ 35.4950, -17.4990,
12.7209

■ 103.8350,
-26.5407, 19.4387

■ 15.6930, -7.7366,
8.1622

■ 129.2050,
-27.7091, 20.8682

■ 0.0000, 0.0000,
0.0000

■ 154.8030,
-28.0039, 22.0978

■ 182.1730,
-29.1723, 23.5273

■ 210.2440,
-30.1933, 24.3420

■ 234.8410,

-29.0086, 17.6794

■ 249.1860,
-22.2767, 5.0989

■ 55.2260, -26.2404,
16.4648

■ 55.2260, -26.2404,
16.4648

■ 54.9980, -27.1140,
16.6648

■ 57.1980, -23.7616,
14.7354

■ 59.2840, -20.8460,
12.9059

■ 61.2560, -18.3672,
11.1765

■ 62.7550, -15.1622,
9.8619

■ 64.7270, -12.6834,
8.1324

■ 66.6990, -10.2046,
6.4030

■ 68.7850, -7.2890,
4.5736

■ 70.7570, -4.8102,
2.8441

■ 72.8430, -1.8946,
1.0147

Harmonies

Analogous

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



56.4480, -19.4479, 31.1791



55.2260, -26.2404, 16.4648



52.8430, -22.1076, -2.4933

Triad

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



55.2260, -26.2404, 16.4648



50.0960, 14.2497, -43.9342



59.9870, 13.3174, 21.9364

Complementary

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



55.2260, -26.2404, 16.4648



20.7740, 26.2404, -16.4648

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.



58.4010, 21.9873, -5.6137



55.2260, -26.2404, 16.4648



51.2020, 23.5644, -44.9042

Square

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



55.2260, -26.2404, 16.4648



47.2460, 3.3297, -41.4347



48.7060, 29.2319, -42.7152



57.3390, 2.7909, 38.2907

Rectangle

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



55.2260, -26.2404, 16.4648



50.3940, -14.4912, -18.7625



48.7060, 29.2319, -42.7152



60.3280, 16.1073, 13.7443

Sweetspot

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



55.2260, -26.2404, 16.4648



89.6990, -10.2046, 6.4030



25.5800, -2.7509, 42.4643



43.7140, -6.2680, 3.7588



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



55.2260, -26.2404, 16.4648



71.8540, -35.4240, 22.0530



60.4100, -28.7961, -3.8676



36.9570, -1.4578, 0.9147



75.6970, -37.3186, 23.0677



169.7340, -83.6789, 52.8533

Inverse Universe

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



20.7740, 26.2404, -16.4648



25.1460, 35.4240, -22.0530



15.5900, 28.7961, 3.8676



35.0430, 1.4578, -0.9147



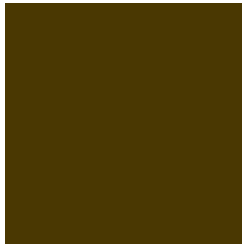
26.8900, 37.0292, -23.5825



59.6790, 83.9683, -52.3385

Previews

White Background



This preview shows how the YUV color 55.2260, -26.2404, 16.4648 looks on a white background.

Color Contrast Check

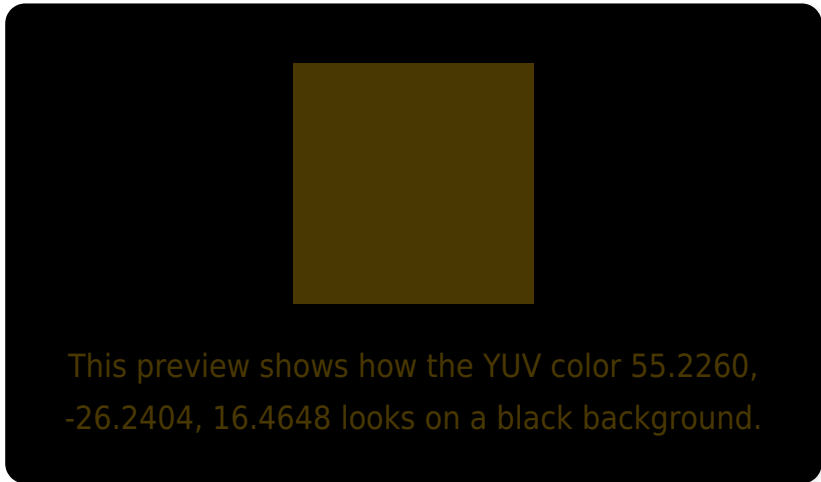
Large Text (above 18pt) WCAG AA ✓ Pass

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

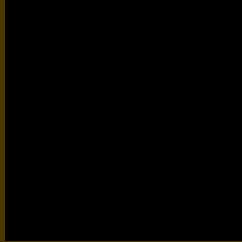
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.2260, -26.2404, 16.4648

Background



This preview shows how black text looks on a background with the YUV color 55.2260, -26.2404, 16.4648.



This preview shows how white text looks on a background with the YUV color 55.2260, -26.2404,

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

55.2260, -26.2404, 16.4648

Protanopia

54.8230, -25.0557, 9.8022

Deuteranopia

55.3400, -25.8036, 16.3648



Tritanopia

59.9310, -1.9380, 14.9695

Trichromacy



Original Color

55.2260, -26.2404, 16.4648

Protanomaly

55.0190, -25.6454, 12.2613

Deuteranomaly

55.3400, -25.8036, 16.3648

Tritanomaly

57.9390, -10.8159, 15.8395

Monochromacy



Original Color

55.2260, -26.2404, 16.4648

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9270, -9.3310, 6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2260, -26.2404, 16.4648 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(74, 56, 2)` looks like.

```
.text, #text, p{  
    color:rgb(74, 56, 2)  
}
```

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(74, 56, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 56, 2) }
```

Border

The CSS property to change the border of an element to YUV 55.2260, -26.2404, 16.4648 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(74, 56, 2) }
```


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

```
.border{ border-color:rgb(74, 56, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 56, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 56, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 56, 2); box-shadow:4px  
4px 4px 4px rgb(74, 56, 2) }
```

Background

The CSS property to change the background color of an element to YUV 55.2260, -26.2404, 16.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 56, 2) }
```

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

```
.background{ background-color: rgb(74, 56,  
2) }
```

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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