

Converting Colors

YUV(62.8620, -24.0890,
26.4310)

Have a look what the booklet for
YUV(62.8620, -24.0890, 26.4310)
contains.

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Color

**YUV(62.8620, -24.0890,
26.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	5D390E
RGB	93, 57, 14
RGB Percent	36%, 22%, 5%
CMY	0.6353, 0.7765, 0.9451
CMYK	0.00, 0.39, 0.85, 0.64
HSL	33°, 74%, 21%
HSV	33°, 85%, 36%
XYZ	6.0566, 5.2851, 1.1164
YIQ	62.8620, 35.2590, -5.7410

Conversions

Conversions Part 2

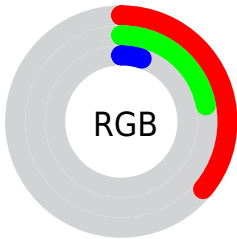
Format	Color
RYB	80, 93, 14
Decimal	6109454
CIELab	27.53, 12.07, 31.61
CIElCh	28, 33.833, 69.096
Yxy	5.2851, 0.4862, 0.4242
Android (android.graphics.Color)	4284299534 (0xFF5D390E)
YUV	62.8620, -24.0890, 26.4310
Hunter-Lab	22.9894, 6.7947, 13.2134

Details

The YUV color $62.8620, -24.0890, 26.4310$ is a dark color, and the websafe version is hex 663300 . A complement of this color would be $44.1380, 24.0890, -26.4310$, and the grayscale version is $63.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $111.8410, -25.5576, 30.8344$, and $21.3630, -10.5320, 18.0986$ is the 20% darker color. If you saturate the color by 10%, you get $59.4880, -26.8626, 29.3900$, and if you desaturate by 10%, it is $66.2360, -21.3153, 23.4720$.

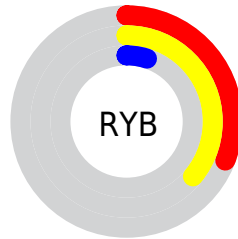
Distribution



Red (36%)

Green (22%)

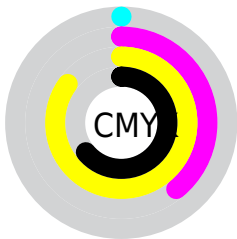
Blue (5%)



Red (31%)

Yellow (36%)

Blue (5%)

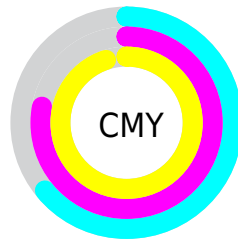


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (64%)



Cyan (64%)

Magenta (78%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.8620, -24.0890, 26.4310 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 62.8620, -24.0890, 26.4310 by changing the saturation by 10% instead.

62.8620, -24.0890,
26.4310

62.8620, -24.0890,
26.4310

253.7460, -4.8048,
1.0998

40.8770, -20.1524,
23.7869

111.8410,
-25.5576, 30.8344

21.3630, -10.5320,
18.0986

137.5100,
-26.8734, 32.8787

1.1960, -0.5896,
2.4591

163.9940,
-27.6050, 34.2083

0.0000, 0.0000,
0.0000

191.4780,
-28.3367, 35.5378

217.7550,
-28.4732, 32.6639

237.2690,

-24.7826, 15.5501

■ 250.4400,
-17.4719, 3.9991

■ 62.8620, -24.0890,
26.4310

■ 62.8620, -24.0890,
26.4310

■ 59.4880, -26.8626,
29.3900

■ 66.2360, -21.3153,
23.4720

■ 57.7440, -28.4678,
30.9195

■ 69.7240, -18.1049,
20.4131

■ 73.6850, -15.6207,
16.9393

■ 77.0590, -12.8471,
13.9803

■ 80.4330, -10.0735,
11.0213

■ 83.9210, -6.8631,
7.9623

■ 87.8820, -4.3788,
4.4885

■ 91.2560, -1.6052,
1.5295

■ 94.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



63.7570, -14.6702, 38.8011



62.8620, -24.0890, 26.4310



60.7690, -26.5081, 8.9726

Triad

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



62.8620, -24.0890, 26.4310



53.4070, 9.1663, -46.8379



66.9790, 18.7444, 7.9114

Complementary

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



62.8620, -24.0890, 26.4310



44.1380, 24.0890, -26.4310

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.



58.5550, 28.3204, -30.3047



62.8620, -24.0890, 26.4310



55.6700, 20.3757, -48.8226

Square

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



62.8620, -24.0890, 26.4310



49.7420, -2.3378, -43.6237



55.7330, 28.2326, -48.8778



65.9020, 8.9223, 31.6579

Rectangle

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



62.8620, -24.0890, 26.4310



59.2340, -21.8074, -5.4672



55.7330, 28.2326, -48.8778



65.8360, 22.2659, -1.6102

Sweetspot

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



62.8620, -24.0890, 26.4310



108.3620, -9.0525, 10.2065



41.8390, 4.5164, 44.8682



54.2520, -5.5472, 5.9180



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



62.8620, -24.0890, 26.4310



74.0350, -36.4993, 40.3113



83.0970, -34.0648, 6.0539



44.2560, -1.6052, 1.5295



68.1100, -33.5782, 36.7375



146.5860, -72.2669, 79.2931

Inverse Universe

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



44.1380, 24.0890, -26.4310



45.9650, 36.4993, -40.3113



23.9030, 34.0648, -6.0539



42.7440, 1.6052, -1.5295



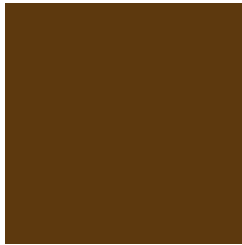
41.8900, 33.5782, -36.7375



90.4140, 72.2669, -79.2931

Previews

White Background



This preview shows how the YUV color 62.8620, -24.0890, 26.4310 looks on a white background.

Color Contrast Check

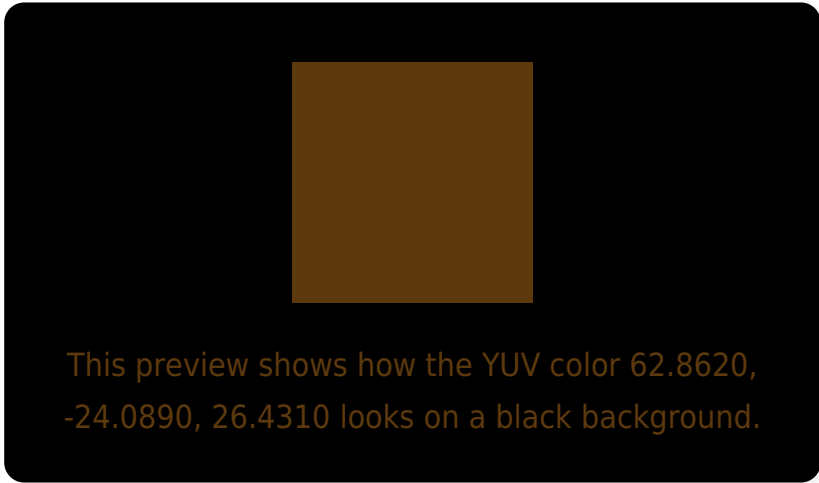
Large Text (above 18pt) WCAG AA ✓ Pass

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

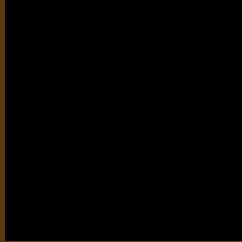
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.8620, -24.0890, 26.4310

Background



This preview shows how black text looks on a background with the YUV color 62.8620, -24.0890, 26.4310.



This preview shows how white text looks on a background with the YUV color 62.8620, -24.0890,

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

62.8620, -24.0890, 26.4310

Protanopia

62.6920, -23.0192, 9.9171

Deuteranopia

62.4650, -25.3722, 18.0092



Tritanopia

66.0140, -4.4439, 25.4207

Trichromacy



Original Color

62.8620, -24.0890, 26.4310

Protanomaly

62.9100, -23.6196, 15.8649

Deuteranomaly

62.6010, -24.9463, 21.3979

Tritanomaly

64.4780, -11.5747, 25.8908

Monochromacy



Original Color

62.8620, -24.0890, 26.4310

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0630, -8.9051, 9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.8620, -24.0890, 26.4310 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(93, 57, 14)` looks like.

```
.text, #text, p{  
    color:rgb(93, 57, 14)  
}
```

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(93, 57, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 57, 14) }
```

Border

The CSS property to change the border of an element to YUV 62.8620, -24.0890, 26.4310 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(93, 57, 14) }
```


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

```
.border{ border-color:rgb(93, 57, 14) }
```

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

Here you see how a box with a 4 pixel rgb(93, 57, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 57, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 57, 14);  
box-shadow:4px 4px 4px 4px rgb(93, 57, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.8620, -24.0890, 26.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 57, 14) }
```

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

```
.background{ background-color: rgb(93, 57,  
14) }
```

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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