

Converting Colors

YUV(104.2950, -24.3024,
1.4953)

Have a look what the booklet for
YUV(104.2950, -24.3024, 1.4953)
contains.

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Color

**YUV(104.2950, -24.3024,
1.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7137
RGB	106, 113, 55
RGB Percent	42%, 44%, 22%
CMY	0.5843, 0.5569, 0.7843
CMYK	0.06, 0.00, 0.51, 0.56
HSL	67°, 35%, 33%
HSV	67°, 51%, 44%
XYZ	12.5386, 15.1503, 5.8779
YIQ	104.2950, 14.4460, -19.5220

Conversions

Conversions Part 2

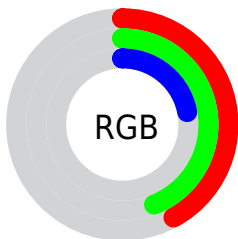
Format	Color
RYB	55, 113, 62
Decimal	6975799
CIELab	45.84, -12.02, 31.03
CIELCh	46, 33.278, 111.171
Yxy	15.1503, 0.3735, 0.4513
Android (android.graphics.Color)	4285165879 (0xFF6A7137)
YUV	104.2950, -24.3024, 1.4953
Hunter-Lab	38.9233, -10.6147, 18.2929

Details

The YUV color **104.2950, -24.3024, 1.4953** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.7050, 24.3024, -1.4953**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1380, -26.1970, 2.5100**, and **56.1100, -23.7182, 0.7805** is the 20% darker color. If you saturate the color by 10%, you get **102.7420, -28.9598, 1.9803**, and if you desaturate by 10%, it is **105.8480, -19.6451, 1.0103**.

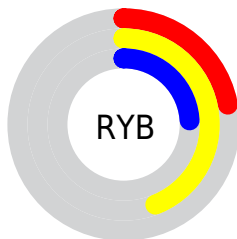
Distribution



Red (42%)

Green (44%)

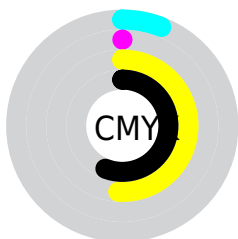
Blue (22%)



Red (22%)

Yellow (44%)

Blue (24%)

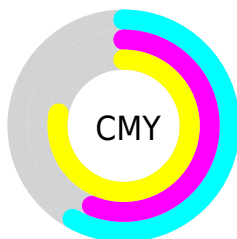


Cyan (6%)

Magenta (0%)

Yellow (51%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2950, -24.3024, 1.4953 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 104.2950, -24.3024, 1.4953 by changing the saturation by 10% instead.

104.2950,
-24.3024, 1.4953

104.2950,
-24.3024, 1.4953

255.0000, 0.0000,
0.0000

80.1100, -23.7182,
0.7805

156.1380,
-26.1970, 2.5100

56.1100, -23.7182,
0.7805

183.0240,
-26.6338, 2.6100

35.7060, -17.6031,
-0.6192

210.7960,
-27.5074, 2.8099

14.6860, -7.2402,
-11.1256

238.9810,
-28.0916, 3.5247

0.0000, 0.0000,
0.0000

249.8700,
-19.6559, 4.4990

253.1760, -6.9888,

1.5996

■ 104.2950,
-24.3024, 1.4953

■ 104.2950,
-24.3024, 1.4953

■ 102.7420,
-28.9598, 1.9803

■ 105.8480,
-19.6451, 1.0103

■ 100.7760,
-33.9066, 1.9504

■ 107.8140,
-14.6983, 1.0401

■ 99.2230, -38.5639,
2.4354

■ 109.3670,
-10.0409, 0.5551

■ 97.6700, -43.2213,
2.9204

■ 110.9200, -5.3836,
0.0702

■ 95.9320, -47.2945,
2.6906

■ 112.8860, -0.4368,
0.1000

■ 114.4390, 4.2206,
-0.3850

■ 116.2910, 8.7305,
-0.2552

■ 117.8440, 13.3879,
-0.7402

■ 119.5110, 18.4821,
-1.3251

Harmonies

Analogous

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



106.8570, -26.5515, 22.9274



104.2950, -24.3024, 1.4953



100.3010, -13.4594, -23.0660

Triad

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



104.2950, -24.3024, 1.4953



87.6540, 31.2296, -76.8726



111.1650, 3.3697, 39.3203

Complementary

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



104.2950, -24.3024, 1.4953



63.7050, 24.3024, -1.4953

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.



111.9590, 15.7962, 20.2070



104.2950, -24.3024, 1.4953



98.0580, 32.0164, -49.1629

Square

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



104.2950, -24.3024, 1.4953



86.7930, 20.3151, -76.1175



108.5900, 25.3451, -9.2874



109.7670, -9.7451, 45.8083

Rectangle

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



104.2950, -24.3024, 1.4953



95.6280, -2.7746, -43.5238



108.5900, 25.3451, -9.2874



111.2830, 7.7485, 34.8318

Sweetspot

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



104.2950, -24.3024, 1.4953



144.5950, -9.1673, 0.3552



76.4510, -10.5753, 32.0535



71.9200, -5.3836, 0.0702



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



104.2950, -24.3024, 1.4953



134.2230, -38.5639, 2.4354



95.6240, -20.0276, -16.3332



55.0170, -2.4734, -0.0149



101.8350, -50.2047, 2.7757



209.8720, -103.4669, 6.2513

Inverse Universe

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



63.7050, 24.3024, -1.4953



69.7770, 38.5639, -2.4354



72.3760, 20.0276, 16.3332



50.9830, 2.4734, 0.0149



17.8660, 50.3521, -3.3905



37.1280, 103.4669, -6.2513

Previews

White Background



This preview shows how the YUV color 104.2950, -24.3024, 1.4953 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 × Fail

Black Background



This preview shows how the YUV color 104.2950, -24.3024, 1.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

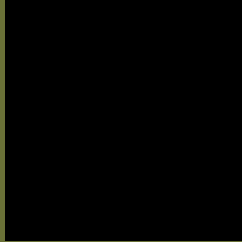
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2950, -24.3024, 1.4953

Background



This preview shows how black text looks on a background with the YUV color 104.2950, -24.3024, 1.4953.



This preview shows how white text looks on a background with the YUV color 104.2950, -24.3024, 1.4953.

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

104.2950, -24.3024, 1.4953

Protanopia

106.0190, -25.6454, 12.2613

Deuteranopia

106.7260, -24.5149, 23.0423



Tritanopia

109.1190, 2.8993, 3.4036

Trichromacy



Original Color

104.2950, -24.3024, 1.4953

Protanomaly

105.1110, -25.1977, 8.6727

Deuteranomaly

105.9700, -24.6352, 14.9353

Tritanomaly

107.4750, -7.1362, 2.2144

Monochromacy



Original Color

104.2950, -24.3024, 1.4953

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0080, -8.8779, 0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2950, -24.3024, 1.4953 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(106, 113, 55)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 55)  
}
```

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(106, 113, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 55) }
```

Border

The CSS property to change the border of an element to YUV 104.2950, -24.3024, 1.4953 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(106, 113, 55) }
```


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

```
.border{ border-color:rgb(106, 113, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 55);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 104.2950, -24.3024, 1.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 55) }
```

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

```
.background{ background-color: rgb(106,  
113, 55) }
```

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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