

Converting Colors

YUV(84.2400, -24.2753, -7.2265)

Have a look what the booklet for
YUV(84.2400, -24.2753, -7.2265)
contains.

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Color

**YUV(84.2400, -24.2753,
-7.2265)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6223
RGB	76, 98, 35
RGB Percent	30%, 38%, 14%
CMY	0.7020, 0.6157, 0.8627
CMYK	0.22, 0.00, 0.64, 0.62
HSL	81°, 47%, 26%
HSV	81°, 64%, 38%
XYZ	7.6515, 10.3932, 3.1929
YIQ	84.2400, 7.1110, -24.2570

Conversions

Conversions Part 2

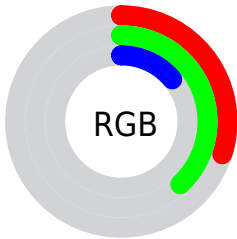
Format	Color
R_{YB}	35, 98, 57
Decimal	5005859
CIE Lab	38.54, -19.19, 32.36
CIE LCh	39, 37.620, 120.668
Yxy	10.3932, 0.3603, 0.4894
Android (android.graphics.Color)	4283195939 (0xFF4C6223)
YUV	84.2400, -24.2753, -7.2265
Hunter-Lab	32.2385, -14.0519, 16.6948

Details

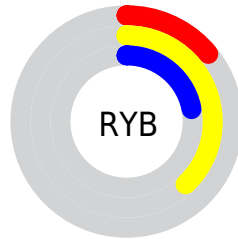
The YUV color **84.2400, -24.2753, -7.2265** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.7600, 24.2753, 7.2265**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8980, -25.5857, -6.9265**, and **38.9070, -19.1812, -7.8114** is the 20% darker color. If you saturate the color by 10%, you get **82.2030, -28.2011, -8.0710**, and if you desaturate by 10%, it is **86.2770, -20.3496, -6.3819**.

Distribution



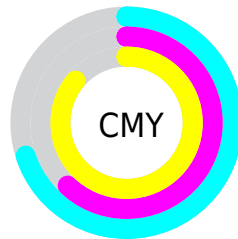
- Red (30%)
- Green (38%)
- Blue (14%)



- Red (14%)
- Yellow (38%)
- Blue (22%)



- Cyan (22%)
- Magenta (0%)
- Yellow (64%)
- Black (62%)



- Cyan (70%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2400, -24.2753, -7.2265 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 84.2400, -24.2753, -7.2265 by changing the saturation by 10% instead.

■ 84.2400, -24.2753,
-7.2265

■ 84.2400, -24.2753,
-7.2265

■ 255.0000, 0.0000,
0.0000

■ 60.2400, -24.2753,
-7.2265

■ 134.8980,
-25.5857, -6.9265

■ 38.9070, -19.1812,
-7.8114

■ 160.6700,
-26.4593, -6.7266

■ 18.1970, -8.9711,
-15.9588

■ 188.4420,
-27.3329, -6.5266

■ 0.0000, 0.0000,
0.0000

■ 216.0290,
-27.6223, -7.0414

■ 241.8660,
-27.0489, -4.2675

■ 250.4400,

-17.4719, 3.9991

253.7460, -4.8048,
1.0998

84.2400, -24.2753,
-7.2265

84.2400, -24.2753,
-7.2265

82.2030, -28.2011,
-8.0710

86.2770, -20.3496,
-6.3819

79.8670, -31.9794,
-9.5304

88.6130, -16.5712,
-4.9226

77.9440, -35.4684,
-10.4749

90.5360, -13.0822,
-3.9781

76.6620, -37.7944,
-11.1046

92.8720, -9.3039,
-2.5187

94.9090, -5.3781,
-1.6742

■ 97.2450, -1.5998,
-0.2149

■ 99.2820, 2.3260,
0.6297

■ 101.2050, 5.8149,
1.5742

■ 103.5410, 9.5933,
3.0335

Harmonies

Analogous

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



87.2000, -30.1716, 17.3646



84.2400, -24.2753, -7.2265



77.1680, -8.4638, -38.7353

Triad

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



84.2400, -24.2753, -7.2265



76.1760, 32.9442, -66.8064



90.7100, 0.1430, 47.6123

Complementary

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



84.2400, -24.2753, -7.2265



48.7600, 24.2753, 7.2265

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.



93.1560, 13.7271, 30.5582



84.2400, -24.2753, -7.2265



78.7850, 36.0950, -50.6774

Square

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



84.2400, -24.2753, -7.2265



75.4290, 22.4665, -66.1512



92.2430, 25.0232, 0.6639



89.6380, -14.1185, 48.5525

Rectangle

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



84.2400, -24.2753, -7.2265



70.7550, 4.5578, -62.0521



92.2430, 25.0232, 0.6639



91.6540, 5.1006, 44.1534

Sweetspot

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



84.2400, -24.2753, -7.2265



122.4590, -9.5933, -3.0335



66.1640, -15.3639, 27.9202



60.7950, -5.8149, -1.5742



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



84.2400, -24.2753, -7.2265



106.2490, -38.0838, -11.6194



75.2700, -19.8531, -25.6698



47.2450, -1.5998, -0.2149



87.5710, -43.1725, -12.7788



187.5240, -92.4493, -27.6465

Inverse Universe

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



48.7600, 24.2753, 7.2265



50.7510, 38.0838, 11.6194



58.0290, 19.7057, 26.2846



44.7550, 1.5998, 0.2149



24.4290, 43.1725, 12.7788



52.4760, 92.4493, 27.6465

Previews

White Background



This preview shows how the YUV color 84.2400, -24.2753, -7.2265 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 84.2400, -24.2753, -7.2265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

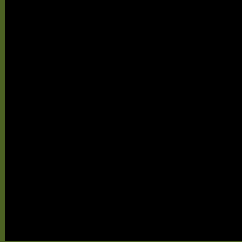
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.2400, -24.2753, -7.2265

Background



This preview shows how black text looks on a background with the YUV color 84.2400, -24.2753, -7.2265.



This preview shows how white text looks on a background with the YUV color 84.2400, -24.2753, -7.2265.

-7.2265.

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

84.2400, -24.2753, -7.2265

Protanopia

87.3780, -26.8084, 11.9465

Deuteranopia

88.4160, -24.3621, 20.6832



Tritanopia

90.4060, 4.2368, -5.6181

Trichromacy



Original Color

84.2400, -24.2753, -7.2265

Protanomaly

86.5620, -25.9131, 4.7691

Deuteranomaly

86.7630, -24.0402, 10.7318

Tritanomaly

88.0610, -5.9461, -6.1925

Monochromacy



Original Color

84.2400, -24.2753, -7.2265

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9860, -8.8671, -2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2400, -24.2753, -7.2265 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(76, 98, 35)` looks like.

```
.text, #text, p{  
    color:rgb(76, 98, 35)  
}
```

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(76, 98, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 98, 35) }
```

Border

The CSS property to change the border of an element to YUV 84.2400, -24.2753, -7.2265 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(76, 98, 35) }
```


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

```
.border{ border-color:rgb(76, 98, 35) }
```

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

Here you see how a box with a 4 pixel rgb(76, 98, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 98, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 98, 35);  
box-shadow:4px 4px 4px 4px rgb(76, 98, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2400, -24.2753, -7.2265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 98, 35) }
```

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

```
.background{ background-color: rgb(76, 98,  
35) }
```

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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