

Converting Colors

YUV(104.6400, -21.0215,
-24.2403)

Have a look what the booklet for
YUV(104.6400, -21.0215, -24.2403)
contains.

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Color

**YUV(104.6400, -21.0215,
-24.2403)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7F3E
RGB	77, 127, 62
RGB Percent	30%, 50%, 24%
CMY	0.6980, 0.5020, 0.7569
CMYK	0.39, 0.00, 0.51, 0.50
HSL	106°, 34%, 37%
HSV	106°, 51%, 50%
XYZ	11.5194, 17.1043, 7.2518
YIQ	104.6400, -8.9350, -30.8150

Conversions

Conversions Part 2

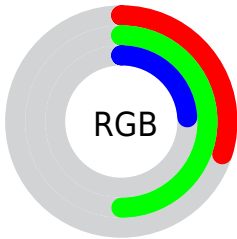
Format	Color
R_{YB}	62, 127, 112
Decimal	5078846
CIE _{Lab}	48.39, -30.11, 29.95
CIE _{LCh}	48, 42.469, 135.152
Yxy	17.1043, 0.3211, 0.4768
Android (android.graphics.Color)	4283268926 (0xFF4D7F3E)
YUV	104.6400, -21.0215, -24.2403
Hunter-Lab	41.3574, -22.6571, 18.5540

Details

The YUV color **104.6400, -21.0215, -24.2403** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **84.3600, 21.0215, 24.2403**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8850, -22.6213, -24.4551**, and **54.6830, -19.5637, -25.1550** is the 20% darker color. If you saturate the color by 10%, you get **100.1680, -25.2258, -29.0883**, and if you desaturate by 10%, it is **109.1120, -16.8172, -19.3922**.

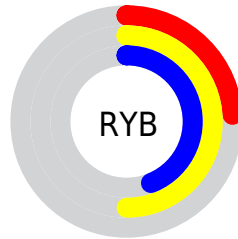
Distribution



Red (30%)

Green (50%)

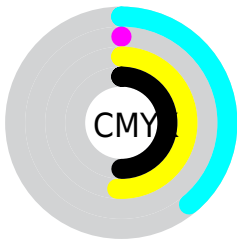
Blue (24%)



Red (24%)

Yellow (50%)

Blue (44%)

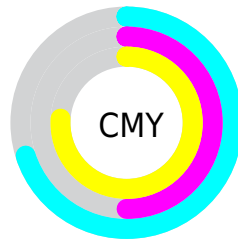


Cyan (39%)

Magenta (0%)

Yellow (51%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.6400, -21.0215, -24.2403 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 104.6400, -21.0215, -24.2403 by changing the saturation by 10% instead.

■ 104.6400,
-21.0215, -24.2403

■ 104.6400,
-21.0215, -24.2403

■ 255.0000, 0.0000,
0.0000

■ 79.8680, -20.1479,
-24.4402

■ 156.8850,
-22.6213, -24.4551

■ 54.6830, -19.5637,
-25.1550

■ 184.3580,
-23.3475, -24.8700

■ 31.6980, -15.6271,
-27.7991

■ 211.8310,
-24.0737, -25.2848

■ 19.9580, -9.8393,
-17.5032

■ 234.5480,
-21.4692, -20.6516

■ 0.0000, 0.0000,
0.0000

■ 246.4110,
-13.5136, -5.6224

■ 254.2020, -3.0576,

0.6998

■ 104.6400,
-21.0215, -24.2403

■ 104.6400,
-21.0215, -24.2403

■ 100.1680,
-25.2258, -29.0883

■ 109.1120,
-16.8172, -19.3922

■ 95.8100, -28.9933,
-34.0364

■ 113.4700,
-13.0497, -14.4442

■ 91.6370, -33.3450,
-38.2696

■ 117.6430, -8.6980,
-10.2109

■ 87.1650, -37.5493,
-43.1177

■ 122.1150, -4.4937,
-5.3629

■ 83.2200, -41.0275,
-47.5509

■ 126.5870, -0.2894,
-0.5148

■ 130.9450, 3.4781,
4.4332

■ 135.1180, 7.8298,
8.6665

■ 139.5900, 12.0341,
13.5146

■ 143.9480, 15.8016,
18.4626

Harmonies

Analogous

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



109.8090, -33.9228, 7.1835



104.6400, -21.0215, -24.2403



88.3140, 3.2962, -77.4514

Triad

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



104.6400, -21.0215, -24.2403



93.7640, 44.4863, -82.2310



114.8980, -8.3307, 58.8485

Complementary

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



104.6400, -21.0215, -24.2403



84.3600, 21.0215, 24.2403

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.



117.1860, 8.2893, 48.0719



104.6400, -21.0215, -24.2403



112.1350, 35.4294, -23.7974

Square

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



104.6400, -21.0215, -24.2403



95.1200, 34.4508, -83.4202



118.6090, 23.3638, 19.6369



113.7280, -24.0229, 51.9815

Rectangle

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



104.6400, -21.0215, -24.2403



91.7510, 13.9268, -80.4656



118.6090, 23.3638, 19.6369



115.3800, -2.6523, 57.5487

Sweetspot

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



104.6400, -21.0215, -24.2403



157.4690, -8.1192, -9.1813



110.7850, -24.0510, 14.2206



78.7020, -4.7831, -5.8777



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



104.6400, -21.0215, -24.2403



131.1640, -32.6189, -37.8548



102.0930, -11.3848, -35.1616



61.7070, -2.3206, -2.3740



83.8070, -41.3169, -48.0657



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.3600, 21.0215, 24.2403



99.5370, 32.7663, 37.2401



86.9070, 11.3848, 35.1616



59.2930, 2.3206, 2.3740



43.8940, 41.4643, 47.4510



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 104.6400, -21.0215, -24.2403 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 104.6400, -21.0215, -24.2403 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 104.6400, -21.0215, -24.2403 Background



This preview shows how black text looks on a background with the YUV color 104.6400, -21.0215, -24.2403.



This preview shows how white text looks on a background with the YUV color 104.6400, -21.0215, -24.2403.

-24.2403.

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

104.6400, -21.0215, -24.2403

Protanopia

111.7910, -26.5190, 12.4613

Deuteranopia

113.1820, -22.7677, 22.6424



Tritanopia

111.7570, 8.5008, -19.9579

Trichromacy



Original Color

104.6400, -21.0215, -24.2403

Protanomaly

108.8710, -24.5864, -0.7639

Deuteranomaly

110.1860, -22.2767, 5.0989

Tritanomaly

109.5860, -2.2609, -21.5619

Monochromacy



Original Color

104.6400, -21.0215, -24.2403

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8820, -7.8298, -8.6665

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.6400, -21.0215, -24.2403 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(77, 127, 62)` looks like.

```
.text, #text, p{  
    color:rgb(77, 127, 62)  
}
```

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(77, 127, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 127, 62) }
```

Border

The CSS property to change the border of an element to YUV 104.6400, -21.0215, -24.2403 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(77, 127, 62) }
```


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

```
.border{ border-color:rgb(77, 127, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 127, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 127, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 127, 62);  
box-shadow:4px 4px 4px 4px rgb(77, 127,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 104.6400, -21.0215, -24.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 127, 62) }
```

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

```
.background{ background-color: rgb(77, 127,  
62) }
```

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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