

Converting Colors

YUV(138.2100, -18.8375,
-24.7402)

Have a look what the booklet for
YUV(138.2100, -18.8375, -24.7402)
contains.

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Color

**YUV(138.2100, -18.8375,
-24.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA064
RGB	110, 160, 100
RGB Percent	43%, 63%, 39%
CMY	0.5686, 0.3725, 0.6078
CMYK	0.31, 0.00, 0.38, 0.37
HSL	110°, 24%, 51%
HSV	110°, 38%, 63%
XYZ	21.3015, 29.3767, 16.6042
YIQ	138.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

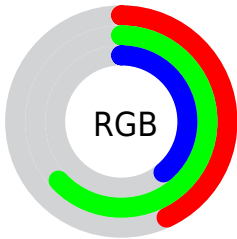
Format	Color
RYB	100, 160, 150
Decimal	7250020
CIELab	61.11, -28.67, 26.10
CIELCh	61, 38.772, 137.687
Yxy	29.3767, 0.3166, 0.4366
Android (android.graphics.Color)	4285440100 (0xFF6EA064)
YUV	138.2100, -18.8375, -24.7402
Hunter-Lab	54.2003, -24.6975, 19.7768

Details

The YUV color **138.2100, -18.8375, -24.7402** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **121.7900, 18.8375, 24.7402**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1560, -20.2899, -25.5698**, and **86.9650, -17.2377, -24.5253** is the 20% darker color. If you saturate the color by 10%, you get **132.4990, -23.9100, -31.1326**, and if you desaturate by 10%, it is **143.9210, -13.7651, -18.3477**.

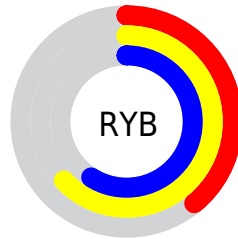
Distribution



Red (43%)

Green (63%)

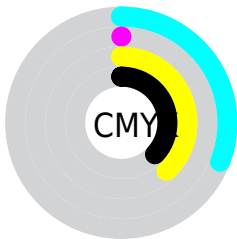
Blue (39%)



Red (39%)

Yellow (63%)

Blue (59%)

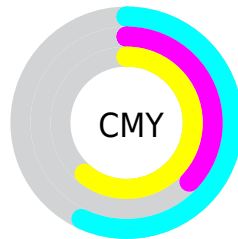


Cyan (31%)

Magenta (0%)

Yellow (38%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2100, -18.8375, -24.7402 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 138.2100, -18.8375, -24.7402 by changing the saturation by 10% instead.

■ 138.2100,
-18.8375, -24.7402

■ 138.2100,
-18.8375, -24.7402

■ 255.0000, 0.0000,
0.0000

■ 112.4380,
-17.9639, -24.9401

■ 192.1560,
-20.2899, -25.5698

■ 86.9650, -17.2377,
-24.5253

■ 220.6290,
-21.0161, -25.9846

■ 62.3070, -15.9274,
-24.8252

■ 238.6500,
-16.0965, -17.2331

■ 37.6980, -15.6271,
-27.7991

■ 250.5130, -8.1409,
-2.2039

■ 22.3060, -10.9969,
-19.5624

■ 4.6960, -2.3151,
-4.1184

■ 0.0000, 0.0000,

0.0000

■ 138.2100,
-18.8375, -24.7402

■ 138.2100,
-18.8375, -24.7402

■ 132.4990,
-23.9100, -31.1326

■ 143.9210,
-13.7651, -18.3477

■ 126.4890,
-28.8351, -38.1399

■ 149.9310, -8.8400,
-11.3405

■ 120.7780,
-33.9076, -44.5323

■ 155.6420, -3.7675,
-4.9480

■ 115.0670,
-38.9800, -50.9248

■ 161.3530, 1.3050,
1.4444

■ 109.0570,
-43.9051, -57.9320

■ 167.3630, 6.2300,
8.4516

■ 103.3460,
-48.9776, -64.3244

■ 173.0740, 11.3025,
14.8441

■ 101.9930,
-50.2825, -65.7689

■ 178.7850, 16.3750,
21.2366

■ 184.7950, 21.3001,
28.2438

■ 190.5060, 26.3725,
34.6362

Harmonies

Analogous

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



143.0090, -30.5704, 5.2541



138.2100, -18.8375, -24.7402



130.1420, 0.9160, -60.6375

Triad

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



138.2100, -18.8375, -24.7402



134.2180, 39.3325, -62.4582



149.6050, -10.6513, 56.4744

Complementary

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



138.2100, -18.8375, -24.7402



121.7900, 18.8375, 24.7402

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.



151.4910, 5.6739, 46.9274



138.2100, -18.8375, -24.7402



147.3810, 32.3502, -16.1201

Square

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



138.2100, -18.8375, -24.7402



117.5520, 39.1679, -103.0931



151.6370, 20.8850, 21.3664



147.8910, -24.5963, 49.2076

Rectangle

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



138.2100, -18.8375, -24.7402



115.1120, 19.6648, -100.9532



151.6370, 20.8850, 21.3664



150.0870, -4.9729, 55.1747

Sweetspot

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



138.2100, -18.8375, -24.7402



200.6970, -7.2456, -9.3813



147.2900, -23.3140, 11.1467



99.8160, -4.3463, -5.9776



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



138.2100, -18.8375, -24.7402



174.9620, -29.5613, -38.5547



137.5000, -8.6275, -32.8875



75.9950, -2.4625, -3.5036



91.1170, -44.9207, -58.8616



9.7020, -4.7831, -5.8777

Inverse Universe

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



121.7900, 18.8375, 24.7402



149.0380, 29.5613, 38.5547



122.5000, 8.6275, 32.8875



74.0050, 2.4625, 3.5036



51.8830, 44.9207, 58.8616



5.5970, 4.6357, 6.4924

Previews

White Background



This preview shows how the YUV color 138.2100, -18.8375, -24.7402 looks on a white 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

Black Background



This preview shows how the YUV color 138.2100, -18.8375, -24.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

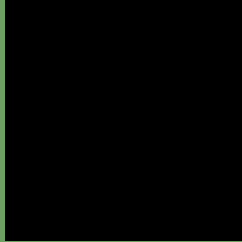
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2100, -18.8375, -24.7402 Background



This preview shows how black text looks on a background with the YUV color 138.2100, -18.8375, -24.7402.



This preview shows how white text looks on a background with the YUV color 138.2100, -18.8375, -24.7402.

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

138.2100, -18.8375, -24.7402

Protanopia

144.9590, -24.6298, 13.1910

Deuteranopia

146.9480, -21.1734, 24.6016



Tritanopia

144.0990, 9.8112, -20.2578

Trichromacy



Original Color

138.2100, -18.8375, -24.7402

Protanomaly

142.7400, -22.5498, -0.6490

Deuteranomaly

143.7670, -20.0981, 6.3433

Tritanomaly

142.0420, -0.5137, -21.9618

Monochromacy



Original Color

138.2100, -18.8375, -24.7402

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1100, -6.9562, -8.8665

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2100, -18.8375, -24.7402 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(110, 160, 100)` looks like.

```
.text, #text, p{  
    color:rgb(110, 160, 100)  
}
```

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(110, 160, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 160, 100) }
```

Border

The CSS property to change the border of an element to YUV 138.2100, -18.8375, -24.7402 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(110, 160, 100) }
```


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

```
.border{ border-color:rgb(110, 160, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 160, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 160, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 160, 100);  
box-shadow:4px 4px 4px 4px rgb(110, 160,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 138.2100, -18.8375, -24.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 160, 100) }
```

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

```
.background{ background-color: rgb(110,  
160, 100) }
```

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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