

Converting Colors

YUV(172.8420, -23.5861,
51.8816)

Have a look what the booklet for
YUV(172.8420, -23.5861, 51.8816)
contains.

| | |
|--|----|
| YUV(172.8420, -23.5861, 51.8816) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(172.8420, -23.5861,
51.8816)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8987D |
| RGB | 232, 152, 125 |
| RGB Percent | 91%, 60%, 49% |
| CMY | 0.0902, 0.4039, 0.5098 |
| CMYK | 0.00, 0.34, 0.46, 0.09 |
| HSL | 15°, 70%, 70% |
| HSV | 15°, 46%, 91% |
| XYZ | 48.2086, 41.0929, 24.7929 |
| YIQ | 172.8420, 56.3470, 8.5630 |

Conversions

Conversions Part 2

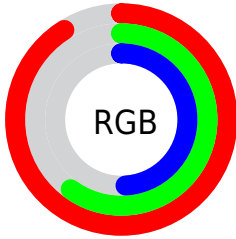
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 232, 161, 125 |
| Decimal | 15243389 |
| CIE Lab | 70.24, 27.02, 26.56 |
| CIE LCh | 70, 37.890, 44.511 |
| Yxy | 41.0929, 0.4225, 0.3602 |
| Android (android.graphics.Color) | 4293433469 (0xFFE8987D) |
| YUV | 172.8420, -23.5861, 51.8816 |
| Hunter-Lab | 64.1038, 22.0576, 21.9415 |

Details

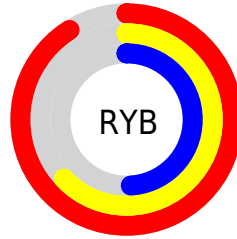
The YUV color **172.8420, -23.5861, 51.8816** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **184.1580, 23.5861, -51.8816**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0460, -19.7427, 32.4087**, and **119.0910, -21.2439, 47.2782** is the 20% darker color. If you saturate the color by 10%, you get **160.2410, -28.7128, 62.9326**, and if you desaturate by 10%, it is **185.4430, -18.4594, 40.8305**.

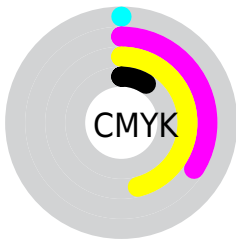
Distribution



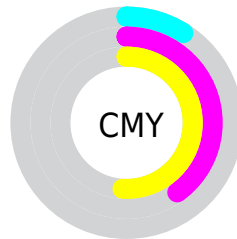
- Red (91%)
- Green (60%)
- Blue (49%)



- Red (91%)
- Yellow (63%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8420, -23.5861, 51.8816 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 172.8420, -23.5861, 51.8816 by changing the saturation by 10% instead.

172.8420,
-23.5861, 51.8816

172.8420,
-23.5861, 51.8816

255.0000, 0.0000,
0.0000

145.7600,
-22.5597, 49.3225

218.0460,
-19.7427, 32.4087

119.0910,
-21.2439, 47.2782

237.5600,
-16.0521, 15.2949

94.0090, -20.2174,
44.7191

252.6060, -9.1728,
2.0995

69.0410, -18.7542,
42.0600

44.8450, -18.1646,
39.6009

21.7720, -10.7336,
36.1570

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 172.8420,
-23.5861, 51.8816

■ 172.8420,
-23.5861, 51.8816

■ 160.2410,
-28.7128, 62.9326

■ 185.4430,
-18.4594, 40.8305

■ 147.0530,
-33.5501, 74.4985

■ 198.6310,
-13.6221, 29.2646

■ 134.3380,
-39.1136, 85.6496

■ 211.3460, -8.0586,
18.1136

■ 121.7370,
-44.2403, 96.7007

■ 223.9470, -2.9319,
7.0625

■ 108.5490,
-49.0777, 108.2665

■ 237.1350, 1.9054,
-4.5034

■ 104.0010,
-51.2725, 112.2551

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



174.3600, -9.0515, 56.6893



172.8420, -23.5861, 51.8816



170.5550, -31.8256, 34.5933

Triad

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



172.8420, -23.5861, 51.8816



156.9750, -2.4527, -53.4751



170.8860, 33.0872, -19.1940

Complementary

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



172.8420, -23.5861, 51.8816



184.1580, 23.5861, -51.8816

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.



159.5880, 38.1641, -61.0287



172.8420, -23.5861, 51.8816



146.4170, 20.5004, -88.9427

Square

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



172.8420, -23.5861, 51.8816



163.3630, -20.8850, -21.3664



143.4060, 37.2678, -100.3341



176.2560, 22.0588, 18.1925

Rectangle

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



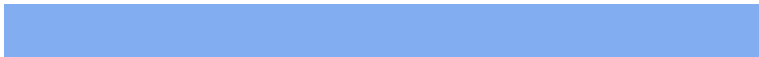
172.8420, -23.5861, 51.8816



168.5160, -32.7924, 17.9645



143.4060, 37.2678, -100.3341



167.7810, 35.6040, -33.1339

Sweetspot

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



172.8420, -23.5861, 51.8816



235.0470, -7.9112, 17.4988



166.1130, 19.1713, 57.7829



115.5130, -4.6899, 10.9511



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



172.8420, -23.5861, 51.8816



177.4050, -30.7657, 68.0508



203.9530, -38.9238, 24.5972



108.3490, -2.6371, 5.8329



79.9360, -39.4084, 86.8791



22.8800, -11.2798, 24.6612

Inverse Universe

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



184.1580, 23.5861, -51.8816



192.5950, 30.7657, -68.0508



153.0470, 38.9238, -24.5972



109.6510, 2.6371, -5.8329



98.4770, 39.6978, -86.3643



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 172.8420, -23.5861, 51.8816 looks on a white 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

Black Background



This preview shows how the YUV color 172.8420, -23.5861, 51.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

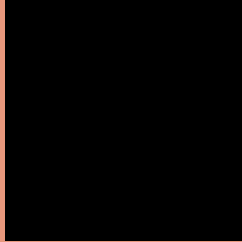
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8420, -23.5861, 51.8816

Background



This preview shows how black text looks on a background with the YUV color 172.8420, -23.5861, 51.8816.



This preview shows how white text looks on a background with the YUV color 172.8420, -23.5861,

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

172.8420, -23.5861, 51.8816

Protanopia

171.2560, -18.3672, 11.1765

Deuteranopia

172.1720, -24.2418, 28.7902



Tritanopia

174.5660, -8.1670, 53.0006

Trichromacy



Original Color

172.8420, -23.5861, 51.8816

Protanomaly

171.8880, -20.1578, 25.5312

Deuteranomaly

172.3410, -23.8321, 37.4119

Tritanomaly

174.0730, -13.8400, 52.5560

Monochromacy



Original Color

172.8420, -23.5861, 51.8816

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6450, -8.2060, 18.7283

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8420, -23.5861, 51.8816 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(232, 152, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 152, 125)  
}
```

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(232, 152, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 152, 125) }
```

Border

The CSS property to change the border of an element to YUV 172.8420, -23.5861, 51.8816 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(232, 152, 125) }
```


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

```
.border{ border-color:rgb(232, 152, 125) }
```

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

Here you see how a box with a 4 pixel rgb(232, 152, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 152, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 152, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 152,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 172.8420, -23.5861, 51.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 152, 125) }
```

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

```
.background{ background-color: rgb(232,  
152, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor