

Converting Colors

YUV(204.8370, -12.7376,
25.5760)

Have a look what the booklet for
YUV(204.8370, -12.7376, 25.5760)
contains.

YUV(204.8370, -12.7376, 25.5760)	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(204.8370, -12.7376,
25.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC3B3
RGB	234, 195, 179
RGB Percent	92%, 76%, 70%
CMY	0.0824, 0.2353, 0.2980
CMYK	0.00, 0.17, 0.24, 0.08
HSL	17°, 57%, 81%
HSV	17°, 24%, 92%
XYZ	61.5835, 59.7773, 50.9402
YIQ	204.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

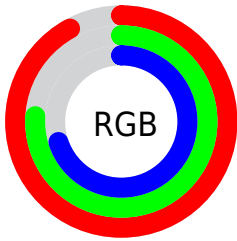
Format	Color
RYB	234, 202, 179
Decimal	15385523
CIELab	81.72, 11.46, 13.22
CIElCh	82, 17.496, 49.060
Yxy	59.7773, 0.3574, 0.3469
Android (android.graphics.Color)	4293575603 (0xFFEAC3B3)
YUV	204.8370, -12.7376, 25.5760
Hunter-Lab	77.3158, 6.8760, 15.0573

Details

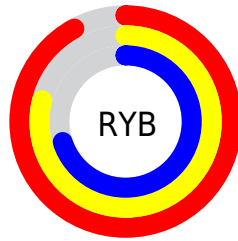
The YUV color $204.8370, -12.7376, 25.5760$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $208.1630, 12.7376, -25.5760$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.9590, -7.8678, 3.5440$, and $150.3530, -12.0060, 24.2464$ is the 20% darker color. If you saturate the color by 10%, you get $192.2360, -17.8643, 36.6270$, and if you desaturate by 10%, it is $217.4380, -7.6109, 14.5249$.

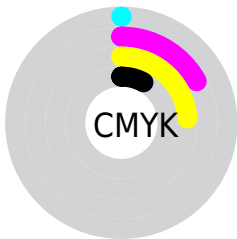
Distribution



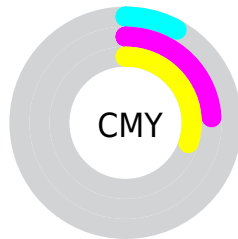
- Red (92%)
- Green (76%)
- Blue (70%)



- Red (92%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.8370, -12.7376, 25.5760 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 204.8370, -12.7376, 25.5760 by changing the saturation by 10% instead.

204.8370,
-12.7376, 25.5760

204.8370,
-12.7376, 25.5760

255.0000, 0.0000,
0.0000

177.2390,
-12.4428, 24.3464

250.9590, -7.8678,
3.5440

150.3530,
-12.0060, 24.2464

124.4560,
-11.5638, 22.4021

99.2710, -10.9796,
21.6873

75.3740, -10.5374,
19.8430

52.3030, -9.5164,
19.0283

30.2920, -9.5110,

17.2839

■ 8.6710, -4.2748,
17.8285

■ 0.0000, 0.0000,
0.0000

■ 204.8370,
-12.7376, 25.5760

■ 204.8370,
-12.7376, 25.5760

■ 192.2360,
-17.8643, 36.6270

■ 217.4380, -7.6109,
14.5249

■ 180.1080,
-23.7172, 47.2633

■ 229.5660, -1.7580,
3.8886

■ 167.5070,
-28.8440, 58.3144

■ 242.1670, 3.3687,
-7.1625

■ 155.3790,
-34.6968, 68.9506

■ 248.7210, 3.0955,
-12.9103

■ 142.7780,
-39.8236, 80.0017

■ 130.1770,
-44.9503, 91.0528

■ 118.0490,
-50.8032, 101.6890

■ 109.8820,
-54.1718, 108.8515

Harmonies

Analogous

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



205.8680, -6.3439, 28.1798



204.8370, -12.7376, 25.5760



203.2720, -15.9101, 16.4245

Triad

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



204.8370, -12.7376, 25.5760



197.6180, -0.7977, -24.2210



204.1640, 14.7091, -4.5288

Complementary

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



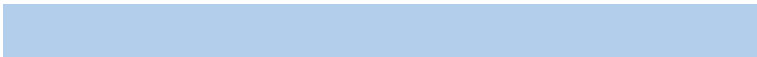
204.8370, -12.7376, 25.5760



208.1630, 12.7376, -25.5760

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.



200.9340, 16.7945, -20.1131



204.8370, -12.7376, 25.5760



197.4520, 7.6652, -31.9684

Square

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



204.8370, -12.7376, 25.5760



199.5180, -9.1294, -11.8553



198.7710, 13.9169, -30.4942



206.1830, 9.2768, 11.2405

Rectangle

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



204.8370, -12.7376, 25.5760



202.3310, -15.4462, 7.6027



198.7710, 13.9169, -30.4942



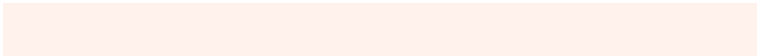
203.0600, 15.7464, -10.5766

Sweetspot

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



204.8370, -12.7376, 25.5760



245.3170, -4.1003, 8.4920



199.8910, 8.9277, 29.9136



122.0500, -2.4896, 5.2182



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.



204.8370, -12.7376, 25.5760



216.9690, -16.2537, 33.3532



220.6860, -20.5512, 11.6764



111.0500, -2.4896, 5.2182



85.2300, -42.0184, 83.9903



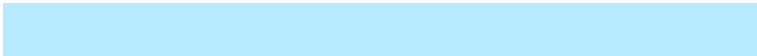
25.5380, -12.5902, 24.9612

Inverse Universe

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



208.1630, 12.7376, -25.5760



221.4440, 16.5431, -32.8384



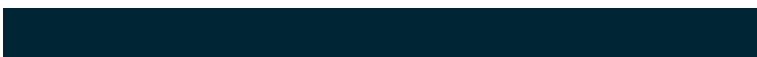
192.3140, 20.5512, -11.6764



111.9500, 2.4897, -5.2181



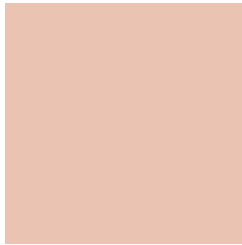
95.7700, 42.0184, -83.9903



28.4620, 12.5902, -24.9612

Previews

White Background



This preview shows how the YUV color 204.8370, -12.7376, 25.5760 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 204.8370, -12.7376, 25.5760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

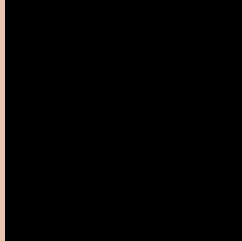
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.8370, -12.7376, 25.5760

Background



This preview shows how black text looks on a background with the YUV color 204.8370, -12.7376, 25.5760.



This preview shows how white text looks on a background with the YUV color 204.8370, -12.7376, 25.5760.

25.5760.

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

204.8370, -12.7376, 25.5760

Protanopia

203.4110, -10.0626, 7.5326

Deuteranopia

204.8260, -12.7322, 23.8316



Tritanopia

206.4640, -0.2288, 26.7801

Trichromacy



Original Color

204.8370, -12.7376, 25.5760

Protanomaly

203.9280, -10.8105, 14.0951

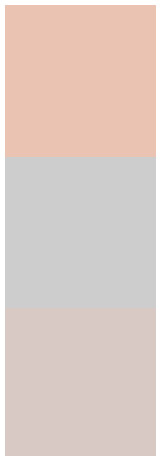
Deuteranomaly

205.1250, -12.8796, 24.4464

Tritanomaly

205.6120, -4.7387, 26.6503

Monochromacy



Original Color

204.8370, -12.7376, 25.5760

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9150, -4.3951, 9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.8370, -12.7376, 25.5760 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(234, 195, 179)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 179)  
}
```

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(234, 195, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 179) }
```

Border

The CSS property to change the border of an element to YUV 204.8370, -12.7376, 25.5760 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(234, 195, 179) }
```


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

```
.border{ border-color:rgb(234, 195, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 179);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 204.8370, -12.7376, 25.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 179) }
```

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

```
.background{ background-color: rgb(234,  
195, 179) }
```

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