

Converting Colors

YUV(203.2260, -46.4534,
12.9568)

Have a look what the booklet for
YUV(203.2260, -46.4534, 12.9568)
contains.

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Color

**YUV(203.2260, -46.4534,
12.9568)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD66D
RGB	218, 214, 109
RGB Percent	85%, 84%, 43%
CMY	0.1451, 0.1608, 0.5725
CMYK	0.00, 0.02, 0.50, 0.15
HSL	58°, 60%, 64%
HSV	58°, 50%, 85%
XYZ	55.7203, 64.1027, 23.9043
YIQ	203.2260, 36.0890, -31.8070

Conversions

Conversions Part 2

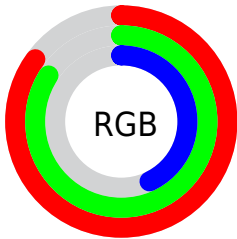
Format	Color
RYB	113, 218, 109
Decimal	14341741
CIELab	84.02, -12.65, 51.79
CIELCh	84, 53.317, 103.725
Yxy	64.1027, 0.3877, 0.4460
Android (android.graphics.Color)	4292531821 (0xFFDAD66D)
YUV	203.2260, -46.4534, 12.9568
Hunter-Lab	80.0642, -15.8859, 38.3430

Details

The YUV color $203.2260, -46.4534, 12.9568$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $123.7740, 46.4534, -12.9568$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.5120, -40.1854, 9.1980$, and $148.5570, -45.1376, 10.9125$ is the 20% darker color. If you saturate the color by 10%, you get $200.1310, -55.7736, 15.6711$, and if you desaturate by 10%, it is $206.3210, -37.1333, 10.2425$.

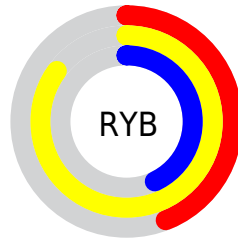
Distribution



Red (85%)

Green (84%)

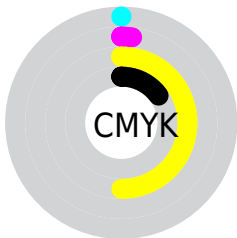
Blue (43%)



Red (44%)

Yellow (85%)

Blue (43%)

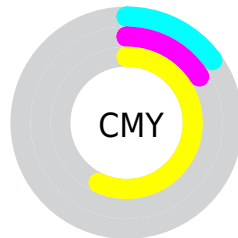


Cyan (0%)

Magenta (2%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.2260, -46.4534, 12.9568 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 203.2260, -46.4534, 12.9568 by changing the saturation by 10% instead.

■ 203.2260,
-46.4534, 12.9568

■ 203.2260,
-46.4534, 12.9568

■ 255.0000, 0.0000,
0.0000

■ 175.1550,
-45.4324, 12.1421

■ 244.5120,
-40.1854, 9.1980

■ 148.5570,
-45.1376, 10.9125

■ 247.7040,
-27.9551, 6.3986

■ 121.1440,
-45.4270, 10.3977

■ 250.8960,
-15.7247, 3.5992

■ 95.0900, -46.8794,
9.5681

■ 254.2020, -3.0576,
0.6998

■ 73.2280, -36.1014,
5.9390

■ 51.9530, -25.6128,
1.7952

■ 32.1510, -15.8504,

-2.7634

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 203.2260,
-46.4534, 12.9568

■ 203.2260,
-46.4534, 12.9568

■ 200.1310,
-55.7736, 15.6711

■ 206.3210,
-37.1333, 10.2425

■ 197.0360,
-65.0937, 18.3854

■ 209.4160,
-27.8131, 7.5282

■ 194.6420,
-74.2665, 20.4850

■ 211.8100,
-18.6403, 5.4286

■ 191.5470,
-83.5867, 23.1993

■ 214.9050, -9.3202,
2.7143

■ 188.4520,
-92.9068, 25.9136

■ 218.0000, 0.0000,
0.0000

■ 221.0950, 9.3202,
-2.7143

■ 223.3920, 15.5827,
-4.7288

■ 223.9790, 15.2934,
-5.2436

Harmonies

Analogous

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



204.6520, -45.6774, 44.1552



203.2260, -46.4534, 12.9568



197.0770, -30.6040, -30.7625

Triad

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



203.2260, -46.4534, 12.9568



165.2540, 44.2448, -144.9278



204.4550, 17.0307, 44.3280

Complementary

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



203.2260, -46.4534, 12.9568



123.7740, 46.4534, -12.9568

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.



212.3820, 21.0107, 27.7290



203.2260, -46.4534, 12.9568



174.9210, 39.4789, -109.5557

Square

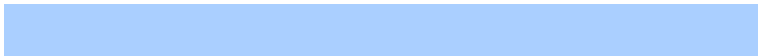
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.2260, -46.4534, 12.9568



164.9800, 33.0409, -144.6875



201.4090, 26.4204, -27.5457



196.8800, -4.3778, 50.9712

Rectangle

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



203.2260, -46.4534, 12.9568



189.7490, -13.1873, -63.8009



201.4090, 26.4204, -27.5457



208.6270, 22.8619, 40.6691

Sweetspot

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



203.2260, -46.4534, 12.9568



250.0810, -16.3089, 4.3140



142.1610, -13.8834, 66.5108



124.7910, -9.7570, 2.8143



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.



203.2260, -46.4534, 12.9568



234.0360, -65.0937, 18.3854



190.9230, -40.3880, -19.2265



108.1590, -4.5154, 1.6146



149.7560, -73.8297, 20.3850



39.5820, -19.5139, 5.6286

Inverse Universe

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



123.7740, 46.4534, -12.9568



122.9640, 65.0937, -18.3854



136.0770, 40.3880, 19.2265



100.2540, 4.8048, -1.0998



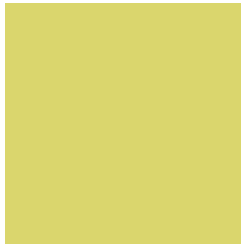
23.2440, 73.8297, -20.3850



6.4180, 19.5139, -5.6286

Previews

White Background



This preview shows how the YUV color 203.2260, -46.4534, 12.9568 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 203.2260, -46.4534, 12.9568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

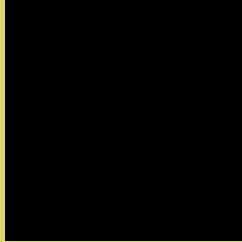
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2260, -46.4534, 12.9568

Background



This preview shows how black text looks on a background with the YUV color 203.2260, -46.4534, 12.9568.



This preview shows how white text looks on a background with the YUV color 203.2260, -46.4534,

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

203.2260, -46.4534, 12.9568

Protanopia

204.6510, -47.6489, 23.1081

Deuteranopia

206.9830, -44.3616, 42.1109



Tritanopia

211.8970, 3.0088, 14.9993

Trichromacy



Original Color

203.2260, -46.4534, 12.9568

Protanomaly

203.7430, -47.2013, 19.5194

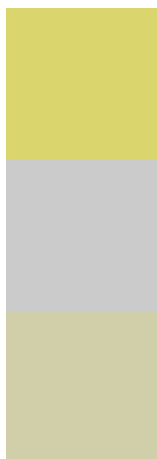
Deuteranomaly

205.6890, -45.2027, 31.8447

Tritanomaly

208.4890, -15.0311, 14.4801

Monochromacy



Original Color

203.2260, -46.4534, 12.9568

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

202.9670, -16.7457, 4.4139

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2260, -46.4534, 12.9568 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(218, 214, 109)` looks like.

```
.text, #text, p{  
    color:rgb(218, 214, 109)  
}
```

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(218, 214, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 214, 109) }
```

Border

The CSS property to change the border of an element to YUV 203.2260, -46.4534, 12.9568 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(218, 214, 109) }
```


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

```
.border{ border-color:rgb(218, 214, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 214, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 214, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 214, 109);  
box-shadow:4px 4px 4px 4px rgb(218, 214,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 203.2260, -46.4534, 12.9568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 214, 109) }
```

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

```
.background{ background-color: rgb(218,  
214, 109) }
```

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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