

Converting Colors

YUV(203.3510, -46.0220,
14.6012)

Have a look what the booklet for
YUV(203.3510, -46.0220, 14.6012)
contains.

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Color

**YUV(203.3510, -46.0220,
14.6012)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD56E
RGB	220, 213, 110
RGB Percent	86%, 84%, 43%
CMY	0.1373, 0.1647, 0.5686
CMYK	0.00, 0.03, 0.50, 0.14
HSL	56°, 61%, 65%
HSV	56°, 50%, 86%
XYZ	56.1239, 63.9299, 24.1335
YIQ	203.3510, 37.2350, -30.5490

Conversions

Conversions Part 2

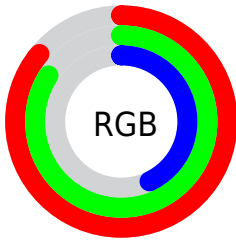
Format	Color
RYB	117, 220, 110
Decimal	14472558
CIELab	83.93, -11.25, 51.26
CIELCh	84, 52.476, 102.384
Yxy	63.9299, 0.3892, 0.4434
Android (android.graphics.Color)	4292662638 (0xFFDCD56E)
YUV	203.3510, -46.0220, 14.6012
Hunter-Lab	79.9562, -14.6282, 38.0736

Details

The YUV color $203.3510, -46.0220, 14.6012$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $126.6490, 46.0220, -14.6012$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.6260, -39.7486, 9.0980$, and $148.6820, -44.7062, 12.5569$ is the 20% darker color. If you saturate the color by 10%, you get $200.2560, -55.3422, 17.3155$, and if you desaturate by 10%, it is $206.4460, -36.7019, 11.8869$.

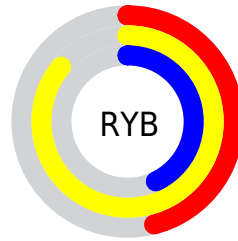
Distribution



Red (86%)

Green (84%)

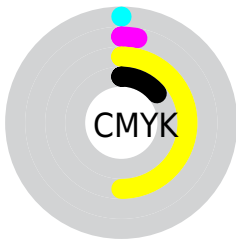
Blue (43%)



Red (46%)

Yellow (86%)

Blue (43%)

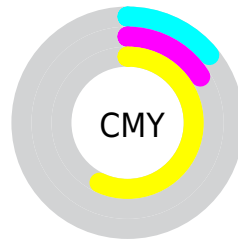


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.3510, -46.0220, 14.6012 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 203.3510, -46.0220, 14.6012 by changing the saturation by 10% instead.

■ 203.3510,
-46.0220, 14.6012

■ 203.3510,
-46.0220, 14.6012

■ 255.0000, 0.0000,
0.0000

■ 175.2800,
-45.0010, 13.7864

■ 244.6260,
-39.7486, 9.0980

■ 148.6820,
-44.7062, 12.5569

■ 247.8180,
-27.5183, 6.2986

■ 121.9700,
-44.8482, 11.4273

■ 251.0100,
-15.2879, 3.4992

■ 95.1010, -46.8848,
11.3124

■ 254.3160, -2.6208,
0.5999

■ 73.2390, -36.1068,
7.6834

■ 51.9640, -25.6183,
3.5396

■ 32.1620, -15.8559,

-1.0191

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 203.3510,
-46.0220, 14.6012

■ 203.3510,
-46.0220, 14.6012

■ 200.2560,
-55.3422, 17.3155

■ 206.4460,
-36.7019, 11.8869

■ 196.5740,
-64.3730, 20.5446

■ 210.1280,
-27.6711, 8.6577

■ 193.4790,
-73.6931, 23.2589

■ 213.2230,
-18.3509, 5.9434

■ 189.7970,
-82.7239, 26.4880

■ 216.9050, -9.3202,
2.7143

■ 186.7020,
-92.0441, 29.2023

■ 220.0000, 0.0000,
0.0000

■ 223.0950, 9.3202,
-2.7143

■ 225.7510, 14.4198,
-5.0436

■ 226.3380, 14.1304,
-5.5584

■ 227.5120, 13.5516,
-6.5880

Harmonies

Analogous

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



204.4070, -44.0777, 44.3701



203.3510, -46.0220, 14.6012



197.2730, -31.1936, -28.3034

Triad

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



203.3510, -46.0220, 14.6012



165.2540, 44.2448, -144.9278



205.1560, 17.1781, 43.7132

Complementary

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



203.3510, -46.0220, 14.6012



126.6490, 46.0220, -14.6012

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.



211.7730, 21.3109, 24.7551



203.3510, -46.0220, 14.6012



174.6220, 39.6264, -110.1705

Square

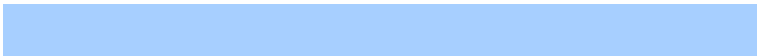
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



203.3510, -46.0220, 14.6012



164.0510, 32.0199, -143.8727



200.5120, 26.8626, -29.3900



197.1080, -3.5042, 50.7713

Rectangle

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



203.3510, -46.0220, 14.6012



190.5430, -14.0717, -60.1122



200.5120, 26.8626, -29.3900



209.2140, 22.5725, 40.1543

Sweetspot

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



203.3510, -46.0220, 14.6012



249.4940, -16.0195, 4.8288



143.6880, -13.1572, 66.9256



124.2040, -9.4676, 3.3291



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.



203.3510, -46.0220, 14.6012



231.6880, -63.9362, 20.4446



193.1080, -40.9722, -18.5117



108.1590, -4.5154, 1.6146



146.8210, -72.3828, 22.9590



38.9950, -19.2245, 6.1434

Inverse Universe

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



126.6490, 46.0220, -14.6012



125.3120, 63.9362, -20.4446



136.8920, 40.9722, 18.5117



100.2540, 4.8048, -1.0998



26.1790, 72.3828, -22.9590



7.0050, 19.2245, -6.1434

Previews

White Background



This preview shows how the YUV color 203.3510, -46.0220, 14.6012 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 203.3510, -46.0220, 14.6012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

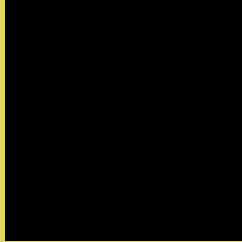
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.3510, -46.0220, 14.6012

Background



This preview shows how black text looks on a background with the YUV color 203.3510, -46.0220, 14.6012.



This preview shows how white text looks on a background with the YUV color 203.3510, -46.0220, 14.6012.

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

203.3510, -46.0220, 14.6012

Protanopia

204.1780, -46.9228, 23.5229

Deuteranopia

206.9830, -44.3616, 42.1109



Tritanopia

211.7940, 2.5666, 16.8437

Trichromacy



Original Color

203.3510, -46.0220, 14.6012

Protanomaly

203.5690, -46.6225, 20.5490

Deuteranomaly

205.6890, -45.2027, 31.8447

Tritanomaly

208.5000, -15.0365, 16.2245

Monochromacy



Original Color

203.3510, -46.0220, 14.6012

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.2660, -16.8931, 5.0287

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.3510, -46.0220, 14.6012 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(220, 213, 110)` looks like.

```
.text, #text, p{  
    color:rgb(220, 213, 110)  
}
```

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(220, 213, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 213, 110) }
```

Border

The CSS property to change the border of an element to YUV 203.3510, -46.0220, 14.6012 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(220, 213, 110) }
```


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

```
.border{ border-color:rgb(220, 213, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 213, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 213, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 213, 110);  
box-shadow:4px 4px 4px 4px rgb(220, 213,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 203.3510, -46.0220, 14.6012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 213, 110) }
```

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

```
.background{ background-color: rgb(220,  
213, 110) }
```

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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