

Converting Colors

YUV(210.2720, -52.8851,
22.5635)

Have a look what the booklet for
YUV(210.2720, -52.8851, 22.5635)
contains.

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Color

**YUV(210.2720, -52.8851,
22.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDA67
RGB	236, 218, 103
RGB Percent	93%, 85%, 40%
CMY	0.0745, 0.1451, 0.5961
CMYK	0.00, 0.08, 0.56, 0.07
HSL	52°, 78%, 66%
HSV	52°, 56%, 93%
XYZ	62.1117, 68.9549, 22.8680
YIQ	210.2720, 47.6430, -31.9490

Conversions

Conversions Part 2

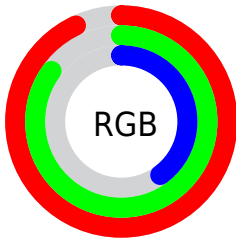
Format	Color
RYB	124, 236, 103
Decimal	15522407
CIELab	86.48, -7.84, 57.81
CIELCh	86, 58.339, 97.723
Yxy	68.9549, 0.4035, 0.4479
Android (android.graphics.Color)	4293712487 (0xFFECDA67)
YUV	210.2720, -52.8851, 22.5635
Hunter-Lab	83.0391, -11.8039, 41.7996

Details

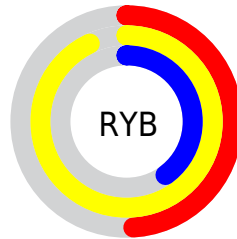
The YUV color $210.2720, -52.8851, 22.5635$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $128.7280, 52.8851, -22.5635$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8280, -42.8062, 9.7978$, and $154.1900, -51.8587, 20.0044$ is the 20% darker color. If you saturate the color by 10%, you get $205.7750, -62.5001, 26.5073$, and if you desaturate by 10%, it is $214.7690, -43.2701, 18.6196$.

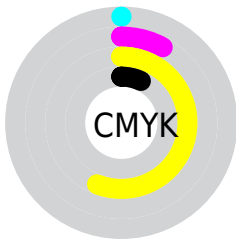
Distribution



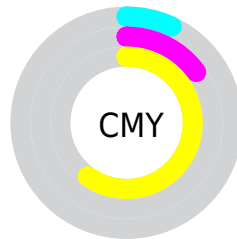
- Red (93%)
- Green (85%)
- Blue (40%)



- Red (49%)
- Yellow (93%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (15%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.2720, -52.8851, 22.5635 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 210.2720, -52.8851, 22.5635 by changing the saturation by 10% instead.

■ 210.2720,
-52.8851, 22.5635

■ 210.2720,
-52.8851, 22.5635

■ 255.0000, 0.0000,
0.0000

■ 181.7880,
-52.1535, 21.2339

■ 243.8280,
-42.8062, 9.7978

■ 154.1900,
-51.8587, 20.0044

■ 247.0200,
-30.5759, 6.9985

■ 126.9080,
-54.1846, 19.3747

■ 250.3260,
-17.9087, 4.0991

■ 101.9230,
-50.2480, 16.7305

■ 253.6320, -5.2416,
1.1997

■ 79.7620, -39.3227,
12.4867

■ 58.4870, -28.8341,
8.3429

■ 37.7990, -18.6349,

3.6843

■ 17.9860, -8.8671,
-2.6187

■ 0.0000, 0.0000,
0.0000

■ 210.2720,
-52.8851, 22.5635

■ 210.2720,
-52.8851, 22.5635

■ 205.7750,
-62.5001, 26.5073

■ 214.7690,
-43.2701, 18.6196

■ 201.3920,
-71.6783, 30.3512

■ 219.1520,
-34.0919, 14.7757

■ 196.3080,
-81.0038, 34.8099

■ 224.2360,
-24.7663, 10.3170

■ 191.9250,
-90.1820, 38.6538

■ 228.6190,
-15.5882, 6.4731

■ 190.3120,
-93.8238, 40.0684

■ 233.1160, -5.9732,
2.5293

■ 237.6130, 3.6418,
-1.4146

■ 240.5140, 7.1416,
-3.9588

■ 242.8620, 5.9840,
-6.0180

■ 244.6230, 5.1159,
-7.5624

Harmonies

Analogous

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



206.0540, -45.3826, 42.9256



210.2720, -52.8851, 22.5635



204.0580, -38.4826, -23.7299

Triad

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



210.2720, -52.8851, 22.5635



171.1240, 41.3509, -150.0757



209.2140, 22.5725, 40.1543

Complementary

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



210.2720, -52.8851, 22.5635



128.7280, 52.8851, -22.5635

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.



215.8820, 19.2852, 21.1515



210.2720, -52.8851, 22.5635



165.8410, 43.9554, -145.4426

Square

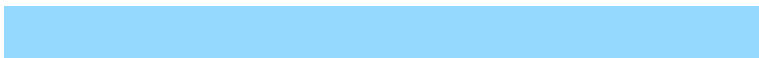
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.2720, -52.8851, 22.5635



169.9210, 29.1259, -149.0207



201.2990, 26.4746, -44.9892



199.2910, 2.3215, 48.8568

Rectangle

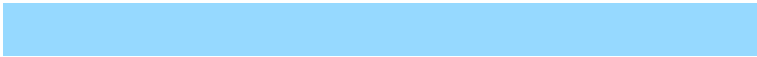
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.2720, -52.8851, 22.5635



196.5340, -20.4763, -59.2273



201.2990, 26.4746, -44.9892



212.7360, 20.8362, 37.0655

Sweetspot

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



210.2720, -52.8851, 22.5635



246.5760, -17.0460, 7.3878



145.0470, -10.8692, 79.7658



122.6880, -10.1992, 4.6586



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.



210.2720, -52.8851, 22.5635



221.7770, -68.9101, 29.1366



206.7850, -51.1660, -15.5974



115.1590, -4.5154, 1.6146



146.2780, -72.1151, 30.4512



43.1480, -21.2720, 9.5172

Inverse Universe

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



128.7280, 52.8851, -22.5635



115.2230, 68.9101, -29.1366



132.2150, 51.1660, 15.5974



107.8410, 4.5154, -1.6146



35.3090, 71.8257, -30.9660



10.2650, 21.5614, -9.0024

Previews

White Background



This preview shows how the YUV color 210.2720, -52.8851, 22.5635 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 210.2720, -52.8851, 22.5635 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 210.2720, -52.8851, 22.5635

Background



This preview shows how black text looks on a background with the YUV color 210.2720, -52.8851, 22.5635.



This preview shows how white text looks on a background with the YUV color 210.2720, -52.8851, 22.5635.

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

210.2720, -52.8851, 22.5635

Protanopia

210.8810, -53.1853, 25.5374

Deuteranopia

215.3440, -35.1726, 34.7783



Tritanopia

219.3820, 0.7977, 24.2210

Trichromacy



Original Color

210.2720, -52.8851, 22.5635

Protanomaly

210.5820, -53.0379, 24.9226

Deuteranomaly

213.3020, -41.5609, 30.4301

Tritanomaly

216.2190, -18.8420, 23.4869

Monochromacy



Original Color

210.2720, -52.8851, 22.5635

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0060, -19.2300, 7.8877

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.2720, -52.8851, 22.5635 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(236, 218, 103)` looks like.

```
.text, #text, p{  
    color:rgb(236, 218, 103)  
}
```

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(236, 218, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 218, 103) }
```

Border

The CSS property to change the border of an element to YUV 210.2720, -52.8851, 22.5635 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(236, 218, 103) }
```


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

```
.border{ border-color:rgb(236, 218, 103) }
```

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

Here you see how a box with a 4 pixel rgb(236, 218, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 218, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 218, 103);  
box-shadow:4px 4px 4px 4px rgb(236, 218,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 210.2720, -52.8851, 22.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 218, 103) }
```

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

```
.background{ background-color: rgb(236,  
218, 103) }
```

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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