

Converting Colors

YUV(202.8590, 0.5625, 6.2627)

Have a look what the booklet for
YUV(202.8590, 0.5625, 6.2627)
contains.

YUV(202.8590, 0.5625, 6.2627)	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(202.8590, 0.5625,
6.2627)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C7CC
RGB	210, 199, 204
RGB Percent	82%, 78%, 80%
CMY	0.1765, 0.2196, 0.2000
CMYK	0.00, 0.05, 0.03, 0.18
HSL	333°, 11%, 80%
HSV	333°, 5%, 82%
XYZ	57.9008, 58.9081, 65.4454
YIQ	202.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

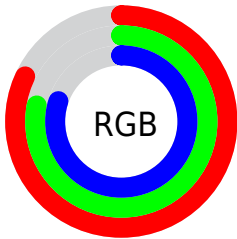
Format	Color
R _Y B	210, 199, 204
Decimal	13813708
CIE Lab	81.24, 4.71, -1.13
CIE LCh	81, 4.847, 346.531
Yxy	58.9081, 0.3177, 0.3232
Android (android.graphics.Color)	4292003788 (0xFFD2C7CC)
YUV	202.8590, 0.5625, 6.2627
Hunter-Lab	76.7516, 0.3437, 3.1701

Details

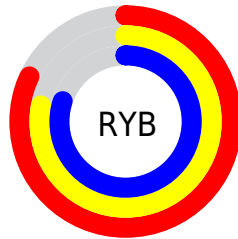
The YUV color `202.8590, 0.5625, 6.2627` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `206.1410, -0.5625, -6.2627`, and the grayscale version is `203.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `148.8590, 0.5625, 6.2627` is the 20% darker color. If you saturate the color by 10%, you get `189.2780, 1.8349, 18.1732`, and if you desaturate by 10%, it is `216.4400, -0.7099, -5.6479`.

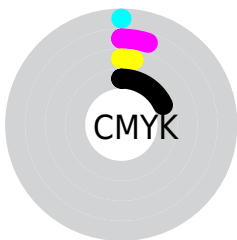
Distribution



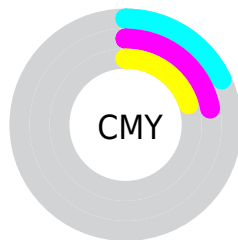
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.8590, 0.5625, 6.2627 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 202.8590, 0.5625, 6.2627 by changing the saturation by 10% instead.

■ 202.8590, 0.5625,
6.2627

■ 202.8590, 0.5625,
6.2627

255.0000, 0.0000,
0.0000

■ 175.5600, 0.7099,
5.6479

■ 148.8590, 0.5625,
6.2627

■ 123.4460, 0.2731,
5.7479

■ 98.1470, 0.4205,
5.1331

■ 74.1470, 0.4205,
5.1331

■ 51.8480, 0.5679,
4.5183

■ 30.8480, 0.5679,

4.5183

■ 5.8700, 0.5571,
8.0070

■ 0.0000, 0.0000,
0.0000

■ 202.8590, 0.5625,
6.2627

■ 202.8590, 0.5625,
6.2627

■ 189.2780, 1.8349,
18.1732

■ 216.4400, -0.7099,
-5.6479

■ 175.5830, 2.6706,
30.1837

■ 230.1350, -1.5456,
-17.6584

■ 162.0020, 3.9430,
42.0942

■ 239.6070, -0.7923,
-25.9653

■ 148.3070, 4.7786,
54.1048

■ 240.9750, 4.4493,
-27.1651

■ 134.7260, 6.0511,
66.0153

■ 241.5450, 6.6333,
-27.6650

■ 121.0310, 6.8867,
78.0258

■ 107.4500, 8.1592,
89.9364

■ 93.7550, 8.9948,
101.9469

■ 80.1740, 10.2672,
113.8574

Harmonies

Analogous

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



202.7060, 2.6099, 2.8888



202.8590, 0.5625, 6.2627



202.8870, -1.9163, 7.9921

Triad

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



202.8590, 0.5625, 6.2627



201.2730, -4.0786, 1.5146



200.8680, 3.5161, -7.7772

Complementary

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



202.8590, 0.5625, 6.2627



206.1410, -0.5625, -6.2627

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.



200.7000, 1.6269, -8.5069



202.8590, 0.5625, 6.2627



201.1800, -3.0467, -2.7889

Square

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



202.8590, 0.5625, 6.2627



202.1810, -4.5262, 5.1033



200.1410, -0.5625, -6.2627



201.4060, 4.2368, -5.6181

Rectangle

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



202.8590, 0.5625, 6.2627



202.6590, -2.7899, 8.1921



200.1410, -0.5625, -6.2627



200.4550, 3.2267, -8.2920

Sweetspot

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



202.8590, 0.5625, 6.2627



251.7230, 0.1366, 2.8739



202.0480, 3.9203, 2.5889



126.0110, -0.0054, 1.7444



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.



202.8590, 0.5625, 6.2627



245.2830, 0.8465, 8.5218



202.2890, -1.6215, 6.7625



99.8480, 0.5679, 4.5183



59.0100, 8.8691, 95.5842



14.4250, 2.2555, 23.3063

Inverse Universe

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



202.8590, 0.5625, 6.2627



245.2830, 0.8465, 8.5218



206.7110, 1.6215, -6.7625



99.8480, 0.5679, 4.5183



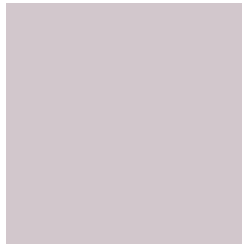
59.0100, 8.8691, 95.5842



14.4250, 2.2555, 23.3063

Previews

White Background



This preview shows how the YUV color 202.8590, 0.5625, 6.2627 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 202.8590, 0.5625, 6.2627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

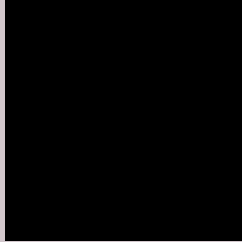
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.8590, 0.5625, 6.2627

Background



This preview shows how black text looks on a background with the YUV color 202.8590, 0.5625, 6.2627.

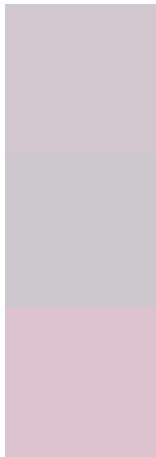


This preview shows how white text looks on a background with the YUV color 202.8590, 0.5625,

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

202.8590, 0.5625, 6.2627

Protanopia

202.3530, 1.3050, 1.4444

Deuteranopia

203.6150, 0.6828, 14.3696



Tritanopia

203.5970, 4.6357, 6.4924

Trichromacy



Original Color

202.8590, 0.5625, 6.2627

Protanomaly

202.3640, 1.2995, 3.1888

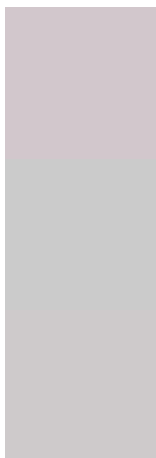
Deuteranomaly

203.0060, 0.9830, 11.3957

Tritanomaly

203.2550, 3.3253, 6.7924

Monochromacy



Original Color

202.8590, 0.5625, 6.2627

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.8590, 0.5625, 6.2627 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(210, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 204)  
}
```

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(210, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 204) }
```

Border

The CSS property to change the border of an element to YUV 202.8590, 0.5625, 6.2627 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(210, 199, 204) }
```


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

```
.border{ border-color:rgb(210, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 199,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 202.8590, 0.5625, 6.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 204) }
```

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

```
.background{ background-color: rgb(210,  
199, 204) }
```

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