

Converting Colors

YUV(100.2810, -25.7745,
100.6086)

Have a look what the booklet for
YUV(100.2810, -25.7745, 100.6086)
contains.

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Color

**YUV(100.2810, -25.7745,
100.6086)**

Conversions

Conversions Part 1

Format	Color
Hex	D73430
RGB	215, 52, 48
RGB Percent	84%, 20%, 19%
CMY	0.1569, 0.7961, 0.8118
CMYK	0.00, 0.76, 0.78, 0.16
HSL	1°, 68%, 52%
HSV	1°, 78%, 84%
XYZ	29.7858, 17.1165, 4.5302
YIQ	100.2810, 98.4320, 33.3120

Conversions

Conversions Part 2

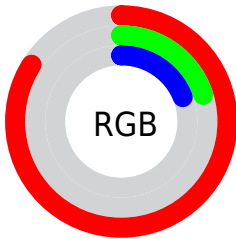
Format	Color
RYB	215, 52, 48
Decimal	14103600
CIELab	48.41, 62.01, 41.74
CIElCh	48, 74.748, 33.949
Yxy	17.1165, 0.5791, 0.3328
Android (android.graphics.Color)	4292293680 (0xFFD73430)
YUV	100.2810, -25.7745, 100.6086
Hunter-Lab	41.3720, 56.1101, 22.4682

Details

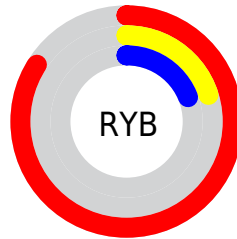
The YUV color **100.2810, -25.7745, 100.6086** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **162.7190, 25.7745, -100.6086**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2320, -28.2154, 90.1275**, and **45.7900, -21.0955, 93.1462** is the 20% darker color. If you saturate the color by 10%, you get **85.5600, -28.8701, 113.5189**, and if you desaturate by 10%, it is **115.1160, -22.2422, 87.5983**.

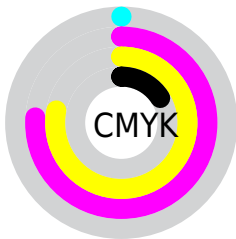
Distribution



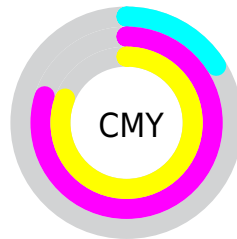
- Red (84%)
- Green (20%)
- Blue (19%)



- Red (84%)
- Yellow (20%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (78%)
- Black (16%)





- Cyan (16%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.2810, -25.7745, 100.6086 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 100.2810, -25.7745, 100.6086 by changing the saturation by 10% instead.


 100.2810,
-25.7745, 100.6086


 100.2810,
-25.7745, 100.6086


255.0000, 0.0000,
0.0000


 61.7900, -17.6445,
106.3012


 152.2320,
-28.2154, 90.1275


 45.7900, -21.0955,
93.1462


 172.1050,
-25.6878, 72.6989


 35.8800, -17.6888,
73.7732


 191.5050,
-22.4340, 55.6851

 26.6110, -13.1192,
54.7152

 211.6060,
-19.0328, 38.0565

 18.5810, -7.6814,
37.2015

 232.2940,
-15.9209, 19.9132

 7.5890, -3.2484,
15.2694

 252.0360,

 0.0000, 0.0000,

-11.3567, 2.5994

0.0000

■ 100.2810,
-25.7745, 100.6086

■ 100.2810,
-25.7745, 100.6086

■ 85.5600, -28.8701,
113.5189

■ 115.1160,
-22.2422, 87.5983

■ 70.7250, -32.4024,
126.5292

■ 129.8370,
-19.1466, 74.6880

■ 67.2200, -33.1395,
129.6031

■ 144.6720,
-15.6143, 61.6777

■ 159.3930,
-12.5187, 48.7673

■ 174.2280, -8.9864,
35.7570

■ 188.9490, -5.8909,
22.8467

■ 203.7840, -2.3585,
9.8364

■ 218.5050, 0.7370,
-3.0739

■ 233.3400, 4.2694,
-16.0842

Harmonies

Analogous

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



89.4840, 10.1144, 116.2165



100.2810, -25.7745, 100.6086



107.2480, -52.8733, 65.5575

Triad

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



100.2810, -25.7745, 100.6086



87.2760, -15.9121, -76.5411



98.7290, 71.1256, -86.5853

Complementary

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



100.2810, -25.7745, 100.6086



162.7190, 25.7745, -100.6086

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.



105.9380, 60.6696, -92.9076



100.2810, -25.7745, 100.6086



96.6750, 12.4852, -84.7840

Square

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



100.2810, -25.7745, 100.6086



95.7450, -47.2023, -26.9634



103.8570, 40.0035, -91.0826



115.6650, 51.9302, 3.8018

Rectangle

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



100.2810, -25.7745, 100.6086



108.2460, -53.3653, 36.6183



103.8570, 40.0035, -91.0826



102.1370, 68.9525, -89.5741

Sweetspot

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



100.2810, -25.7745, 100.6086



214.8150, -9.2758, 35.2422



116.6290, 47.0179, 86.2714



103.3510, -5.5960, 21.6172



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.



100.2810, -25.7745, 100.6086



92.3850, -36.6718, 142.6134



148.4150, -49.5046, 58.3950



99.8760, -1.9109, 6.2477



53.4770, -26.3642, 103.0677



13.4440, -6.6279, 25.9206

Inverse Universe

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



162.7190, 25.7745, -100.6086



180.6150, 36.6718, -142.6134



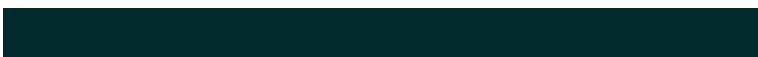
114.5850, 49.5046, -58.3950



103.7110, 1.6215, -6.7625



117.5230, 26.3642, -103.0677



29.5560, 6.6279, -25.9206

Previews

White Background



This preview shows how the YUV color 100.2810, -25.7745, 100.6086 looks on a white background.

Color Contrast Check

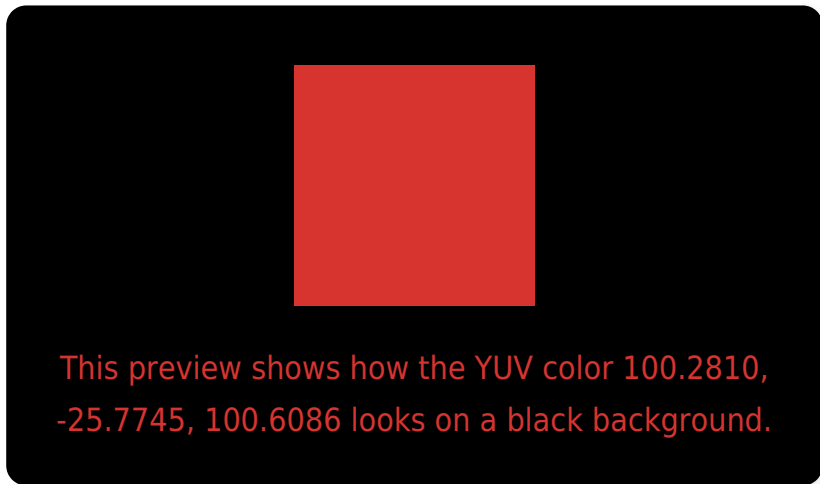
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.2810, -25.7745, 100.6086 Background



This preview shows how black text looks on a background with the YUV color 100.2810, -25.7745, 100.6086.



This preview shows how white text looks on a background with the YUV color 100.2810, -25.7745, 100.6086.

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

100.2810, -25.7745, 100.6086

Protanopia

113.7030, -23.0246, 11.6615

Deuteranopia

112.0290, -37.4823, 28.9156



Tritanopia

100.2640, -23.3012, 100.6235

Trichromacy



Original Color

100.2810, -25.7745, 100.6086

Protanomaly

108.9720, -24.1432, 43.8746

Deuteranomaly

107.6330, -33.3431, 54.6959

Tritanomaly

100.0360, -24.1747, 100.8234

Monochromacy



Original Color

100.2810, -25.7745, 100.6086

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.4130, -9.5706, 36.4718

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2810, -25.7745, 100.6086 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(215, 52, 48)` looks like.

```
.text, #text, p{  
    color:rgb(215, 52, 48)  
}
```

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(215, 52, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 52, 48) }
```

Border

The CSS property to change the border of an element to YUV 100.2810, -25.7745, 100.6086 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(215, 52, 48) }
```


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

```
.border{ border-color:rgb(215, 52, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 52, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 52, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 52, 48);  
box-shadow:4px 4px 4px 4px rgb(215, 52,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 100.2810, -25.7745, 100.6086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 52, 48) }
```

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

```
.background{ background-color: rgb(215, 52,  
48) }
```

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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