

Converting Colors

YUV(93.2260, -22.2964,
105.0418)

Have a look what the booklet for
YUV(93.2260, -22.2964, 105.0418)
contains.

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Color

**YUV(93.2260, -22.2964,
105.0418)**

Conversions

Conversions Part 1

Format	Color
Hex	D52930
RGB	213, 41, 48
RGB Percent	84%, 16%, 19%
CMY	0.1647, 0.8392, 0.8118
CMYK	0.00, 0.81, 0.77, 0.16
HSL	358°, 68%, 50%
HSV	358°, 81%, 84%
XYZ	28.7670, 15.9454, 4.3579
YIQ	93.2260, 100.2650, 38.6410

Conversions

Conversions Part 2

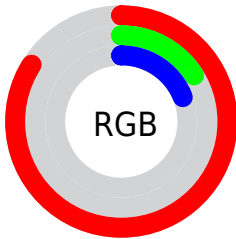
Format	Color
RYB	213, 41, 48
Decimal	13969712
CIELab	46.90, 64.57, 40.04
CIElCh	47, 75.978, 31.803
Yxy	15.9454, 0.5862, 0.3250
Android (android.graphics.Color)	4292159792 (0xFFD52930)
YUV	93.2260, -22.2964, 105.0418
Hunter-Lab	39.9317, 58.7119, 21.4817

Details

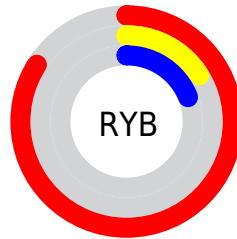
The YUV color **93.2260, -22.2964, 105.0418** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **160.7740, 22.2964, -105.0418**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1230, -26.1896, 93.7311**, and **44.8930, -20.6532, 91.3018** is the 20% darker color. If you saturate the color by 10%, you get **78.6190, -24.9552, 117.8521**, and if you desaturate by 10%, it is **107.8330, -19.6377, 92.2315**.

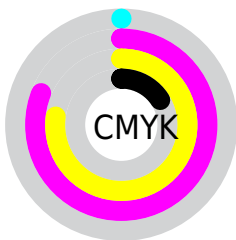
Distribution



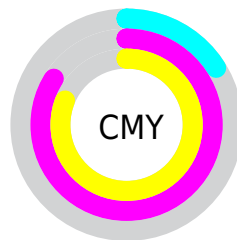
- Red (84%)
- Green (16%)
- Blue (19%)



- Red (84%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (77%)
- Black (16%)





- Cyan (16%)
- Magenta (84%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.2260, -22.2964, 105.0418 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 93.2260, -22.2964, 105.0418 by changing the saturation by 10% instead.


 93.2260, -22.2964,
105.0418


 93.2260, -22.2964,
105.0418


255.0000, 0.0000,
0.0000

 57.0830, -15.3239,
108.6752


 148.1230,
-26.1896, 93.7311


 44.8930, -20.6532,
91.3018


 167.4090,
-23.3726, 76.8173


 35.2820, -17.3940,
72.5437


 187.3960,
-20.4082, 59.2887

 26.1270, -12.3876,
53.3856

 207.3830,
-17.4438, 41.7601

 17.5700, -7.6760,
35.4571

 228.1850,
-13.8952, 23.5168

 5.6810, -2.8007,
11.6808

 248.4000,

 0.0000, 0.0000,

-10.0572, 5.7882

0.0000

■ 93.2260, -22.2964,
105.0418

■ 93.2260, -22.2964,
105.0418

■ 78.6190, -24.9552,
117.8521

■ 107.8330,
-19.6377, 92.2315

■ 64.7130, -27.4665,
130.0477

■ 123.1410,
-16.8315, 78.8063

■ 137.7480,
-14.1728, 65.9960

■ 152.4690,
-11.0772, 53.0857

■ 167.0760, -8.4185,
40.2753

■ 182.3840, -5.6123,
26.8502

■ 196.9910, -2.9536,
14.0399

■ 211.5980, -0.2948,
1.2296

■ 226.9060, 2.5113,
-12.1956

Harmonies

Analogous

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



77.7220, 15.9131, 123.0238



93.2260, -22.2964, 105.0418



102.8400, -50.7001, 68.5463

Triad

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



93.2260, -22.2964, 105.0418



83.7880, -19.1225, -73.4821



97.3270, 70.8308, -85.3558

Complementary

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



93.2260, -22.2964, 105.0418



160.7740, 22.2964, -105.0418

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.



103.7210, 59.7905, -90.9633



93.2260, -22.2964, 105.0418



93.3010, 9.7116, -81.8250

Square

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



93.2260, -22.2964, 105.0418



93.3970, -46.0447, -24.9042



101.1840, 37.3773, -88.7384



111.1910, 54.1358, -3.6755

Rectangle

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



93.2260, -22.2964, 105.0418



104.7240, -51.6289, 39.7071



101.1840, 37.3773, -88.7384



100.6210, 68.2208, -88.2446

Sweetspot

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



93.2260, -22.2964, 105.0418



212.4670, -8.1182, 37.3014



109.3450, 51.1019, 83.0124



102.1770, -5.0173, 22.6468



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.



93.2260, -22.2964, 105.0418



82.9930, -32.0415, 150.8501



137.6270, -47.6371, 66.1021



99.4030, -1.1847, 6.6626



51.9270, -22.1490, 104.4270



13.0850, -5.4649, 26.2355

Inverse Universe

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



93.2260, -22.2964, 105.0418



82.9930, -32.0415, 150.8501



116.3730, 47.6371, -66.1021



99.4030, -1.1847, 6.6626



51.9270, -22.1490, 104.4270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 93.2260, -22.2964, 105.0418 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



This preview shows how the YUV color 93.2260, -22.2964, 105.0418 looks on a 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 93.2260, -22.2964, 105.0418

Background



This preview shows how black text looks on a background with the YUV color 93.2260, -22.2964, 105.0418.



This preview shows how white text looks on a background with the YUV color 93.2260, -22.2964,

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

93.2260, -22.2964, 105.0418

Protanopia

110.0880, -20.2564, 10.4468

Deuteranopia

108.0720, -36.0245, 28.0009



Tritanopia

93.1290, -25.2066, 105.1269

Trichromacy



Original Color

93.2260, -22.2964, 105.0418

Protanomaly

103.7810, -21.0910, 44.9191

Deuteranomaly

102.6270, -30.8751, 56.4551

Tritanomaly

93.3570, -24.3330, 104.9269

Monochromacy



Original Color

93.2260, -22.2964, 105.0418

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1790, -7.9762, 38.4310

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2260, -22.2964, 105.0418 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(213, 41, 48)` looks like.

```
.text, #text, p{  
    color:rgb(213, 41, 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(213, 41, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 41, 48) }
```

Border

The CSS property to change the border of an element to YUV 93.2260, -22.2964, 105.0418 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(213, 41, 48) }
```


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

```
.border{ border-color:rgb(213, 41, 48) }
```

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

Here you see how a box with a 4 pixel rgb(213, 41, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 41, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 41, 48);  
box-shadow:4px 4px 4px 4px rgb(213, 41,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 93.2260, -22.2964, 105.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 41, 48) }
```

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

```
.background{ background-color: rgb(213, 41,  
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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