

Converting Colors

YUV(101.5870, -29.8694,
107.3562)

Have a look what the booklet for
YUV(101.5870, -29.8694, 107.3562)
contains.

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Color

**YUV(101.5870, -29.8694,
107.3562)**

Conversions

Conversions Part 1

Format	Color
Hex	E03329
RGB	224, 51, 41
RGB Percent	88%, 20%, 16%
CMY	0.1216, 0.8000, 0.8392
CMYK	0.00, 0.77, 0.82, 0.12
HSL	3°, 75%, 52%
HSV	3°, 82%, 88%
XYZ	32.3245, 18.3750, 3.9409
YIQ	101.5870, 106.3180, 33.5660

Conversions

Conversions Part 2

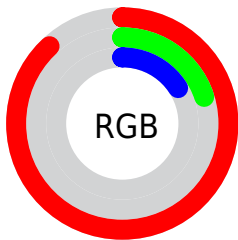
Format	Color
R _Y B	224, 52, 41
Decimal	14693161
CIE Lab	49.95, 64.75, 47.55
CIE LCh	50, 80.331, 36.290
Yxy	18.3750, 0.5916, 0.3363
Android (android.graphics.Color)	4292883241 (0xFFE03329)
YUV	101.5870, -29.8694, 107.3562
Hunter-Lab	42.8661, 59.5878, 24.5555

Details

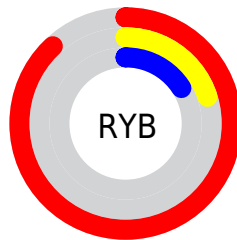
The YUV color **101.5870, -29.8694, 107.3562** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **163.4130, 29.8694, -107.3562**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0210, -31.5624, 90.3126**, and **47.8400, -23.5851, 98.3643** is the 20% darker color. If you saturate the color by 10%, you get **86.7520, -33.4017, 120.3665**, and if you desaturate by 10%, it is **116.4220, -26.3370, 94.3459**.

Distribution



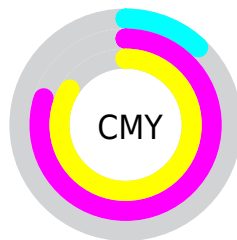
- Red (88%)
- Green (20%)
- Blue (16%)



- Red (88%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (77%)
- Yellow (82%)
- Black (12%)



- Cyan (12%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5870, -29.8694, 107.3562 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 101.5870, -29.8694, 107.3562 by changing the saturation by 10% instead.

■ 101.5870,
-29.8694, 107.3562

■ 101.5870,
-29.8694, 107.3562

255.0000, 0.0000,
0.0000

■ 60.0470, -20.7292,
115.7228

■ 152.0210,
-31.5624, 90.3126

■ 47.8400, -23.5851,
98.3643

■ 171.8940,
-29.0347, 72.8840

■ 38.2720, -18.8681,
78.6915

■ 191.2940,
-25.7809, 55.8702

■ 29.0030, -14.2985,
59.6334

■ 211.3950,
-22.3797, 38.2416

■ 20.6740, -8.7133,
41.5049

■ 232.0830,
-19.2679, 20.0982

■ 10.5790, -4.7224,
21.4172

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 101.5870,
-29.8694, 107.3562

■ 101.5870,
-29.8694, 107.3562

■ 86.7520, -33.4017,
120.3665

■ 116.4220,
-26.3370, 94.3459

■ 74.0200, -36.4919,
131.5325

■ 131.3710,
-22.3679, 81.2356

■ 146.7930,
-19.1249, 67.7105

■ 161.7420,
-15.1558, 54.6003

■ 176.5770,
-11.6235, 41.5900

■ 191.4120, -8.0911,
28.5797

■ 206.3610, -4.1220,
15.4694

■ 221.1960, -0.5896,
2.4591

■ 236.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



82.5770, 12.5335, 133.6750



101.5870, -29.8694, 107.3562



111.0910, -54.7679, 66.5722

Triad

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



101.5870, -29.8694, 107.3562



91.2540, -15.9012, -80.0298



101.8580, 75.4990, -89.3295

Complementary

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



101.5870, -29.8694, 107.3562



163.4130, 29.8694, -107.3562

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.



110.1100, 66.5008, -96.5665



101.5870, -29.8694, 107.3562



101.3370, 15.1169, -88.8725

Square

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



101.5870, -29.8694, 107.3562



95.9780, -47.3172, -36.8147



108.9750, 44.3823, -95.5711



119.8060, 54.8186, 10.6941

Rectangle

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



101.5870, -29.8694, 107.3562



111.7790, -55.1070, 35.2738



108.9750, 44.3823, -95.5711



105.9670, 73.4733, -92.9331

Sweetspot

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



101.5870, -29.8694, 107.3562



212.4840, -10.5916, 37.2865



115.5530, 49.0274, 95.1080



101.8350, -6.3277, 22.9467



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.



101.5870, -29.8694, 107.3562



87.9680, -40.9032, 146.4871



155.0040, -56.2040, 60.5095



104.8760, -1.9109, 6.2477



58.4940, -28.8375, 103.0528



16.1130, -7.9437, 27.9649

Inverse Universe

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



163.4130, 29.8694, -107.3562



172.0320, 40.9032, -146.4871



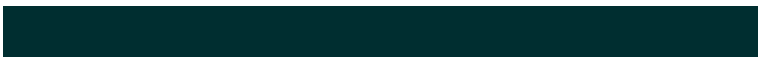
109.9960, 56.2040, -60.5095



108.7110, 1.6215, -6.7625



117.5060, 28.8375, -103.0528



32.4740, 7.6543, -28.4797

Previews

White Background



This preview shows how the YUV color 101.5870, -29.8694, 107.3562 looks on a white 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

Black Background



This preview shows how the YUV color 101.5870, -29.8694, 107.3562 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 × Fail

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

YUV 101.5870, -29.8694, 107.3562 Background



This preview shows how black text looks on a background with the YUV color 101.5870, -29.8694, 107.3562.



This preview shows how white text looks on a background with the YUV color 101.5870, -29.8694,

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

101.5870, -29.8694, 107.3562

Protanopia

116.6340, -28.4136, 13.4760

Deuteranopia

114.2160, -44.4765, 32.2596



Tritanopia

102.0260, -25.6488, 106.9712

Trichromacy



Original Color

101.5870, -29.8694, 107.3562

Protanomaly

111.0280, -29.1008, 47.3334

Deuteranomaly

109.4720, -39.1797, 60.0991

Tritanomaly

101.6840, -26.9592, 107.2711

Monochromacy



Original Color

101.5870, -29.8694, 107.3562

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.4950, -10.5970, 39.0309

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5870, -29.8694, 107.3562 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(224, 51, 41)` looks like.

```
.text, #text, p{  
    color:rgb(224, 51, 41)  
}
```

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(224, 51, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 51, 41) }
```

Border

The CSS property to change the border of an element to YUV 101.5870, -29.8694, 107.3562 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(224, 51, 41) }
```


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

```
.border{ border-color:rgb(224, 51, 41) }
```

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

Here you see how a box with a 4 pixel rgb(224, 51, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 51, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 51, 41);  
box-shadow:4px 4px 4px 4px rgb(224, 51,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 101.5870, -29.8694, 107.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 51, 41) }
```

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

```
.background{ background-color: rgb(224, 51,  
41) }
```

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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