

Converting Colors

YUV(104.1420, -31.6220,
109.5005)

Have a look what the booklet for
YUV(104.1420, -31.6220, 109.5005)
contains.

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Color

**YUV(104.1420, -31.6220,
109.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	E53528
RGB	229, 53, 40
RGB Percent	90%, 21%, 16%
CMY	0.1020, 0.7922, 0.8431
CMYK	0.00, 0.77, 0.83, 0.10
HSL	4°, 78%, 53%
HSV	4°, 83%, 90%
XYZ	33.9692, 19.3574, 3.9535
YIQ	104.1420, 109.0690, 33.2690

Conversions

Conversions Part 2

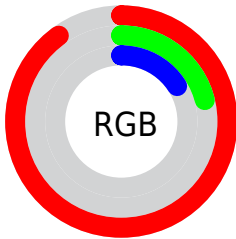
Format	Color
R_{YB}	229, 54, 40
Decimal	15021352
CIE _{Lab}	51.10, 65.59, 49.47
CIE _{LCh}	51, 82.155, 37.022
Yxy	19.3574, 0.5930, 0.3379
Android (android.graphics.Color)	4293211432 (0xFFE53528)
YUV	104.1420, -31.6220, 109.5005
Hunter-Lab	43.9971, 60.8212, 25.4703

Details

The YUV color **104.1420, -31.6220, 109.5005** 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 **164.8580, 31.6220, -109.5005**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.1950, -32.1411, 89.2830**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **89.1930, -35.5911, 122.6107**, and if you desaturate by 10%, it is **119.0910, -27.6529, 96.3902**.

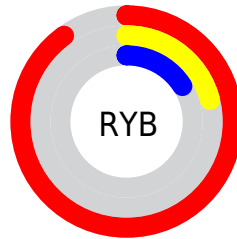
Distribution



Red (90%)

Green (21%)

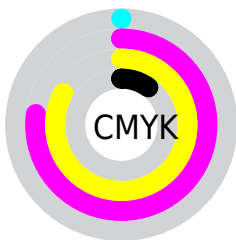
Blue (16%)



Red (90%)

Yellow (21%)

Blue (16%)

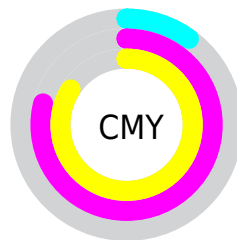


Cyan (0%)

Magenta (77%)

Yellow (83%)

Black (10%)



Cyan (10%)

Magenta (79%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1420, -31.6220, 109.5005 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 104.1420, -31.6220, 109.5005 by changing the saturation by 10% instead.

■ 104.1420,
-31.6220, 109.5005

■ 104.1420,
-31.6220, 109.5005

255.0000, 0.0000,
0.0000

■ 62.8900, -22.6238,
116.7375

■ 153.1950,
-32.1411, 89.2830

■ 49.0360, -24.1747,
100.8234

■ 173.0680,
-29.6135, 71.8544

■ 39.4680, -19.4577,
81.1506

■ 193.0550,
-26.6491, 54.3258

■ 30.1990, -14.8881,
62.0925

■ 213.0420,
-23.6847, 36.7972

■ 21.8700, -9.3029,
43.9640

■ 233.2570,
-19.8467, 19.0686

■ 12.0740, -5.4595,
24.4911

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 104.1420,
-31.6220, 109.5005

■ 104.1420,
-31.6220, 109.5005

■ 89.1930, -35.5911,
122.6107

■ 119.0910,
-27.6529, 96.3902

■ 77.8630, -38.3865,
132.5471

■ 134.6270,
-23.9731, 82.7651

■ 149.5760,
-20.0040, 69.6548

■ 164.5250,
-16.0348, 56.5446

■ 180.0610,
-12.3551, 42.9195

■ 194.8960, -8.8227,
29.9092

■ 209.8450, -4.8536,
16.7989

■ 225.3810, -1.1738,
3.1739

■ 240.3300, 2.7953,
-9.9364

Harmonies

Analogous

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



84.4850, 12.0859, 137.2637



104.1420, -31.6220, 109.5005



113.7490, -56.0783, 66.8721

Triad

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



104.1420, -31.6220, 109.5005



93.9440, -15.7484, -82.3889



103.0320, 74.9202, -90.3591

Complementary

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



104.1420, -31.6220, 109.5005



164.8580, 31.6220, -109.5005

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.



113.2560, 68.4008, -99.3255



104.1420, -31.6220, 109.5005



104.2550, 16.1433, -91.4316

Square

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



104.1420, -31.6220, 109.5005



97.4290, -48.0325, -40.7182



111.4200, 46.1349, -97.7153



122.6430, 55.3920, 13.4681

Rectangle

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



104.1420, -31.6220, 109.5005



114.7250, -56.5594, 34.4442



111.4200, 46.1349, -97.7153



107.1410, 72.8945, -93.9627

Sweetspot

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



104.1420, -31.6220, 109.5005



213.0710, -10.8810, 36.7717



116.5750, 49.0165, 98.5967



102.4220, -6.6170, 22.4319



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.



104.1420, -31.6220, 109.5005



88.3270, -42.0662, 146.1722



159.3200, -58.8248, 61.1094



107.1750, -2.0583, 6.8625



60.5650, -29.8585, 103.8675



17.5970, -8.6753, 29.2944

Inverse Universe

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



164.8580, 31.6220, -109.5005



169.6730, 42.0662, -146.1722



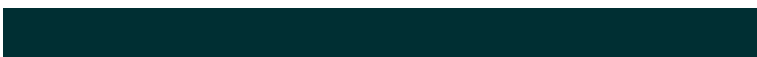
109.6800, 58.8248, -61.1094



110.8250, 2.0583, -6.8625



117.8480, 30.1479, -103.3527



33.4030, 8.6753, -29.2944

Previews

White Background



This preview shows how the YUV color 104.1420, -31.6220, 109.5005 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 104.1420, -31.6220, 109.5005 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 104.1420, -31.6220, 109.5005 Background



This preview shows how black text looks on a background with the YUV color 104.1420, -31.6220, 109.5005.



This preview shows how white text looks on a background with the YUV color 104.1420, -31.6220, 109.5005.

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

104.1420, -31.6220, 109.5005

Protanopia

118.5910, -29.8714, 14.3907

Deuteranopia

116.4180, -47.5341, 32.9594



Tritanopia

104.3360, -25.8016, 109.3303

Trichromacy



Original Color

104.1420, -31.6220, 109.5005

Protanomaly

113.2840, -30.7060, 48.8629

Deuteranomaly

111.7880, -41.8005, 60.6989

Tritanomaly

104.4670, -27.8382, 109.2154

Monochromacy



Original Color

104.1420, -31.6220, 109.5005

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.6800, -11.1812, 39.7456

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1420, -31.6220, 109.5005 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(229, 53, 40)` looks like.

```
.text, #text, p{  
    color:rgb(229, 53, 40)  
}
```

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(229, 53, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 53, 40) }
```

Border

The CSS property to change the border of an element to YUV 104.1420, -31.6220, 109.5005 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(229, 53, 40) }
```


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

```
.border{ border-color:rgb(229, 53, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 53, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 53, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 53, 40);  
box-shadow:4px 4px 4px 4px rgb(229, 53,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 104.1420, -31.6220, 109.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 53, 40) }
```

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

```
.background{ background-color: rgb(229, 53,  
40) }
```

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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