

Converting Colors

YUV(95.8460, -22.6021,
109.7601)

Have a look what the booklet for
YUV(95.8460, -22.6021, 109.7601)
contains.

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Color

**YUV(95.8460, -22.6021,
109.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	DD2932
RGB	221, 41, 50
RGB Percent	87%, 16%, 20%
CMY	0.1333, 0.8392, 0.8039
CMYK	0.00, 0.81, 0.77, 0.13
HSL	357°, 73%, 51%
HSV	357°, 81%, 87%
XYZ	31.1875, 17.1883, 4.6915
YIQ	95.8460, 104.3910, 40.9590

Conversions

Conversions Part 2

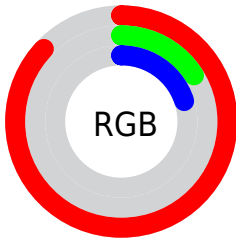
Format	Color
RYB	221, 41, 50
Decimal	14494002
CIELab	48.50, 66.86, 41.09
CIELCh	48, 78.478, 31.569
Yxy	17.1883, 0.5877, 0.3239
Android (android.graphics.Color)	4292684082 (0xFFDD2932)
YUV	95.8460, -22.6021, 109.7601
Hunter-Lab	41.4588, 61.7241, 22.3118

Details

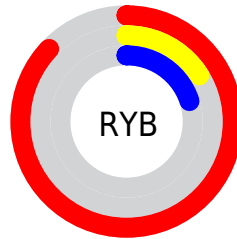
The YUV color **95.8460, -22.6021, 109.7601** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **166.1540, 22.6021, -109.7601**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9380, -25.6054, 93.0164**, and **47.6270, -20.5221, 95.9201** is the 20% darker color. If you saturate the color by 10%, you get **80.5380, -25.4082, 123.1852**, and if you desaturate by 10%, it is **111.1540, -19.7959, 96.3349**.

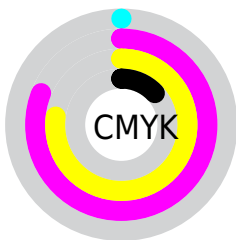
Distribution



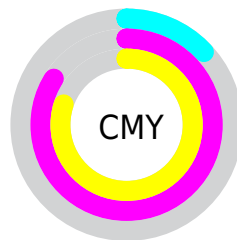
- Red (87%)
- Green (16%)
- Blue (20%)



- Red (87%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (81%)
- Yellow (77%)
- Black (13%)



- Cyan (13%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8460, -22.6021, 109.7601 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 95.8460, -22.6021, 109.7601 by changing the saturation by 10% instead.

■ 95.8460, -22.6021,
109.7601

■ 95.8460, -22.6021,
109.7601

255.0000, 0.0000,
0.0000

■ 59.7030, -15.6296,
113.3935

■ 148.9380,
-25.6054, 93.0164

■ 47.6270, -20.5221,
95.9201

■ 168.8110,
-23.0778, 75.5878

■ 37.3750, -18.4259,
76.8471

■ 188.7980,
-20.1134, 58.0592

■ 28.2200, -13.4195,
57.6891

■ 208.8990,
-16.7122, 40.4306

■ 19.7770, -8.2711,
39.6606

■ 229.5870,
-13.6004, 22.2872

■ 9.3830, -4.1328,
18.9581

■ 250.5030, -9.6150,

■ 0.0000, 0.0000,

3.9439

0.0000

■ 95.8460, -22.6021,
109.7601

■ 95.8460, -22.6021,
109.7601

■ 80.5380, -25.4082,
123.1852

■ 111.1540,
-19.7959, 96.3349

■ 67.3330, -27.7722,
134.7660

■ 126.4620,
-16.9898, 82.9098

■ 141.7700,
-14.1836, 69.4847

■ 157.0780,
-11.3775, 56.0596

■ 172.9730, -8.8607,
42.1197

■ 188.2810, -6.0545,
28.6946

■ 203.5890, -3.2484,
15.2694

■ 218.8970, -0.4422,
1.8443

■ 234.2050, 2.3639,
-11.5808

Harmonies

Analogous

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



80.6840, 16.9178, 127.4421



95.8460, -22.6021, 109.7601



106.1070, -52.3108, 71.8202

Triad

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



95.8460, -22.6021, 109.7601



86.7230, -20.5694, -76.0561



100.7010, 73.6044, -88.3148

Complementary

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



95.8460, -22.6021, 109.7601



166.1540, 22.6021, -109.7601

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.



107.5680, 61.8380, -94.3371



95.8460, -22.6021, 109.7601



96.6920, 10.0118, -84.7989

Square

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



95.8460, -22.6021, 109.7601



96.6420, -47.6445, -25.1190



104.9170, 38.9879, -92.0122



114.5760, 56.9040, -4.8902

Rectangle

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



95.8460, -22.6021, 109.7601



108.8660, -53.6709, 41.3365



104.9170, 38.9879, -92.0122



103.9950, 70.9945, -91.2036

Sweetspot

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



95.8460, -22.6021, 109.7601



212.5810, -7.6814, 37.2015



112.6490, 53.4170, 87.1308



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.



95.8460, -22.6021, 109.7601



81.2320, -31.1734, 152.3945



142.3670, -49.9739, 68.9611



102.2890, -1.6215, 6.7625



52.7530, -21.5702, 105.4566



13.9820, -5.9071, 28.0798

Inverse Universe

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



95.8460, -22.6021, 109.7601



81.2320, -31.1734, 152.3945



119.6330, 49.9739, -68.9611



102.2890, -1.6215, 6.7625



52.7530, -21.5702, 105.4566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 95.8460, -22.6021, 109.7601 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 95.8460, -22.6021, 109.7601 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 95.8460, -22.6021, 109.7601

Background



This preview shows how black text looks on a background with the YUV color 95.8460, -22.6021, 109.7601.



This preview shows how white text looks on a background with the YUV color 95.8460, -22.6021,

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

95.8460, -22.6021, 109.7601

Protanopia

113.9740, -20.6932, 10.5468

Deuteranopia

112.1430, -37.0455, 28.8156



Tritanopia

95.5210, -26.3859, 110.0451

Trichromacy



Original Color

95.8460, -22.6021, 109.7601

Protanomaly

107.6780, -21.5333, 46.7634

Deuteranomaly

106.4100, -31.7541, 58.3994

Tritanomaly

95.8630, -25.0755, 109.7451

Monochromacy



Original Color

95.8460, -22.6021, 109.7601

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7770, -8.2711, 39.6606

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8460, -22.6021, 109.7601 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(221, 41, 50)` looks like.

```
.text, #text, p{  
    color:rgb(221, 41, 50)  
}
```

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(221, 41, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 41, 50) }
```

Border

The CSS property to change the border of an element to YUV 95.8460, -22.6021, 109.7601 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(221, 41, 50) }
```


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

```
.border{ border-color:rgb(221, 41, 50) }
```

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

Here you see how a box with a 4 pixel rgb(221, 41, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 41, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 41, 50);  
box-shadow:4px 4px 4px 4px rgb(221, 41,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 95.8460, -22.6021, 109.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 41, 50) }
```

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

```
.background{ background-color: rgb(221, 41,  
50) }
```

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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