

Converting Colors

YUV(91.4590, -22.4113,
95.1905)

Have a look what the booklet for
YUV(91.4590, -22.4113, 95.1905)
contains.

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Color

**YUV(91.4590, -22.4113,
95.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	C82D2E
RGB	200, 45, 46
RGB Percent	78%, 18%, 18%
CMY	0.2157, 0.8235, 0.8196
CMYK	0.00, 0.77, 0.77, 0.22
HSL	360°, 63%, 48%
HSV	360°, 77%, 78%
XYZ	25.2509, 14.3534, 4.0244
YIQ	91.4590, 92.0590, 33.1710

Conversions

Conversions Part 2

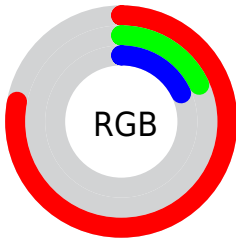
Format	Color
RYB	200, 45, 46
Decimal	13118766
CIELab	44.74, 59.64, 38.10
CIElCh	45, 70.766, 32.570
Yxy	14.3534, 0.5788, 0.3290
Android (android.graphics.Color)	4291308846 (0xFFC82D2E)
YUV	91.4590, -22.4113, 95.1905
Hunter-Lab	37.8859, 52.6701, 20.2221

Details

The YUV color **91.4590, -22.4113, 95.1905** 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 **153.5410, 22.4113, -95.1905**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8950, -27.0632, 93.9311**, and **41.2620, -20.3422, 84.8392** is the 20% darker color. If you saturate the color by 10%, you get **77.4390, -25.3594, 107.4860**, and if you desaturate by 10%, it is **105.4790, -19.4631, 82.8949**.

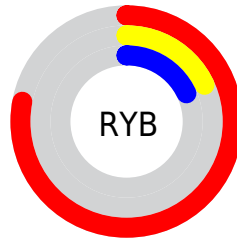
Distribution



Red (78%)

Green (18%)

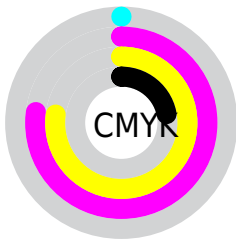
Blue (18%)



Red (78%)

Yellow (18%)

Blue (18%)

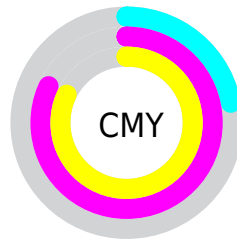


Cyan (0%)

Magenta (77%)

Yellow (77%)

Black (22%)



Cyan (22%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4590, -22.4113, 95.1905 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 91.4590, -22.4113, 95.1905 by changing the saturation by 10% instead.

■ 91.4590, -22.4113,
95.1905

■ 91.4590, -22.4113,
95.1905

255.0000, 0.0000,
0.0000

■ 53.2670, -14.4286,
101.4978

■ 147.8950,
-27.0632, 93.9311

■ 41.2620, -20.3422,
84.8392

■ 167.1810,
-24.2462, 77.0173

■ 31.9930, -15.7725,
65.7811

■ 187.0540,
-21.7186, 59.5886

■ 23.1370, -10.9135,
47.2379

■ 206.5680,
-18.0280, 42.4749

■ 14.5800, -6.2019,
29.3093

■ 227.2560,
-14.9162, 24.3315

■ 0.0000, 0.0000,
0.0000

■ 247.4710,

-11.0782, 6.6029

254.8860, -0.4368,
0.1000

■ 91.4590, -22.4113,
95.1905

■ 91.4590, -22.4113,
95.1905

■ 77.4390, -25.3594,
107.4860

■ 105.4790,
-19.4631, 82.8949

■ 63.4190, -28.3076,
119.7815

■ 119.4990,
-16.5150, 70.5994

■ 59.9140, -29.0446,
122.8554

■ 133.5190,
-13.5669, 58.3038

■ 147.4250,
-11.0555, 46.1083

■ 161.4450, -8.1074,
33.8127

■ 175.4650, -5.1592,
21.5172

■ 189.4850, -2.2111,
9.2217

■ 203.5050, 0.7370,
-3.0739

■ 217.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



81.5540, 10.5729, 109.1391



91.4590, -22.4113, 95.1905



98.3770, -48.4999, 62.8134

Triad

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



91.4590, -22.4113, 95.1905



79.9070, -16.2232, -70.0784



91.3940, 65.8678, -80.1525

Complementary

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



91.4590, -22.4113, 95.1905



153.5410, 22.4113, -95.1905

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.



98.0160, 55.7011, -85.9600



91.4590, -22.4113, 95.1905



88.7360, 9.9902, -77.8215

Square

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



91.4590, -22.4113, 95.1905



89.2770, -44.0136, -23.0449



95.4620, 35.7612, -83.7202



106.0620, 49.7624, -0.9314

Rectangle

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



91.4590, -22.4113, 95.1905



99.6850, -49.1447, 36.2333



95.4620, 35.7612, -83.7202



94.8020, 63.6946, -83.1414

Sweetspot

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



91.4590, -22.4113, 95.1905



213.7550, -8.2602, 36.1719



108.1180, 45.2978, 77.9495



102.7640, -5.3067, 22.1320



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.



91.4590, -22.4113, 95.1905



88.9770, -34.4987, 145.6022



135.3700, -44.5524, 56.6805



92.6910, -1.3267, 5.5330



48.8510, -23.5905, 100.1087



10.7640, -5.3067, 22.1320

Inverse Universe

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



91.4590, -22.4113, 95.1905



88.9770, -34.4987, 145.6022



109.6300, 44.5524, -56.6805



92.6910, -1.3267, 5.5330



48.8510, -23.5905, 100.1087



10.7640, -5.3067, 22.1320

Previews

White Background



This preview shows how the YUV color 91.4590, -22.4113, 95.1905 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 91.4590, -22.4113, 95.1905 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 91.4590, -22.4113, 95.1905

Background



This preview shows how black text looks on a background with the YUV color 91.4590, -22.4113, 95.1905.



This preview shows how white text looks on a background with the YUV color 91.4590, -22.4113,

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

91.4590, -22.4113, 95.1905

Protanopia

105.2020, -19.8196, 10.3468

Deuteranopia

103.3430, -33.6931, 26.8862



Tritanopia

91.4590, -22.4113, 95.1905

Trichromacy



Original Color

91.4590, -22.4113, 95.1905

Protanomaly

99.8730, -20.6434, 41.3304

Deuteranomaly

99.2350, -29.6959, 51.5369

Tritanomaly

91.4590, -22.4113, 95.1905

Monochromacy



Original Color

91.4590, -22.4113, 95.1905

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1570, -7.9654, 34.9423

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4590, -22.4113, 95.1905 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(200, 45, 46)` looks like.

```
.text, #text, p{  
    color:rgb(200, 45, 46)  
}
```

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(200, 45, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 45, 46) }
```

Border

The CSS property to change the border of an element to YUV 91.4590, -22.4113, 95.1905 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(200, 45, 46) }
```


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

```
.border{ border-color:rgb(200, 45, 46) }
```

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

Here you see how a box with a 4 pixel rgb(200, 45, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 45, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 45, 46);  
box-shadow:4px 4px 4px 4px rgb(200, 45,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 91.4590, -22.4113, 95.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 45, 46) }
```

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

```
.background{ background-color: rgb(200, 45,  
46) }
```

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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