

Converting Colors

YUV(114.5020, -20.9535,
94.2757)

Have a look what the booklet for
YUV(114.5020, -20.9535, 94.2757)
contains.

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Color

**YUV(114.5020, -20.9535,
94.2757)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4448
RGB	222, 68, 72
RGB Percent	87%, 27%, 28%
CMY	0.1294, 0.7333, 0.7176
CMYK	0.00, 0.69, 0.68, 0.13
HSL	358°, 70%, 57%
HSV	358°, 69%, 87%
XYZ	33.3610, 20.1317, 8.2584
YIQ	114.5020, 90.5000, 33.8920

Conversions

Conversions Part 2

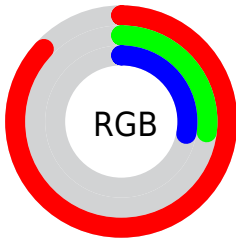
Format	Color
R _Y B	222, 68, 72
Decimal	14566472
CIE Lab	51.99, 59.66, 32.56
CIE LCh	52, 67.962, 28.624
Yxy	20.1317, 0.5402, 0.3260
Android (android.graphics.Color)	4292756552 (0xFFDE4448)
YUV	114.5020, -20.9535, 94.2757
Hunter-Lab	44.8684, 54.2006, 20.4951

Details

The YUV color **114.5020, -20.9535, 94.2757** 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 **175.4980, 20.9535, -94.2757**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4140, -20.9101, 80.3209**, and **50.7330, -11.2074, 94.9502** is the 20% darker color. If you saturate the color by 10%, you get **99.0800, -24.1964, 107.8008**, and if you desaturate by 10%, it is **129.9240, -17.7105, 80.7507**.

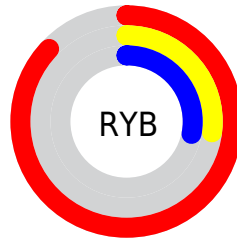
Distribution



Red (87%)

Green (27%)

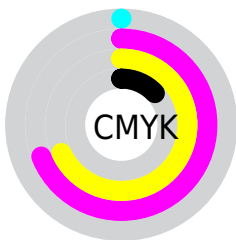
Blue (28%)



Red (87%)

Yellow (27%)

Blue (28%)

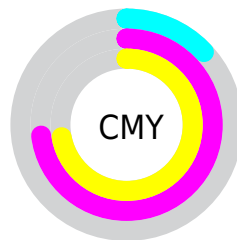


Cyan (0%)

Magenta (69%)

Yellow (68%)

Black (13%)



Cyan (13%)

Magenta (73%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.5020, -20.9535, 94.2757 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 114.5020, -20.9535, 94.2757 by changing the saturation by 10% instead.


 114.5020,
-20.9535, 94.2757


 114.5020,
-20.9535, 94.2757


255.0000, 0.0000,
0.0000


 83.8270, -17.1697,
93.9907


 163.4140,
-20.9101, 80.3209


 50.7330, -11.2074,
94.9502


 182.7000,
-18.0931, 63.4071


 39.1410, -16.8315,
78.8063


 202.8010,
-14.6919, 45.7785

 29.3020, -14.4459,
60.2481

 222.9020,
-11.2907, 28.1499

 20.8590, -9.2975,
42.2197

 243.2310, -7.0159,
10.3214

 11.7750, -5.3121,
23.8763

 0.0000, 0.0000,

0.0000

■ 114.5020,
-20.9535, 94.2757

■ 114.5020,
-20.9535, 94.2757

■ 99.0800, -24.1964,
107.8008

■ 129.9240,
-17.7105, 80.7507

■ 83.7720, -27.0026,
121.2260

■ 145.2320,
-14.9044, 67.3255

■ 67.7630, -29.9562,
135.2658

■ 161.2410,
-11.9508, 53.2856

■ 67.0620, -30.1036,
135.8806

■ 176.5490, -9.1447,
39.8605

■ 191.9710, -5.9017,
26.3354

■ 207.3930, -2.6587,
12.8103

■ 222.7010, 0.1474,
-0.6148

■ 238.7100, 3.1010,
-14.6547

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



114.8420, 6.9799, 94.8546



114.5020, -20.9535, 94.2757



116.3240, -51.4317, 69.8759

Triad

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



114.5020, -20.9535, 94.2757



91.8410, -16.1906, -80.5446



104.9580, 67.0687, -92.0482

Complementary

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



114.5020, -20.9535, 94.2757



175.4980, 20.9535, -94.2757

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.



110.5370, 55.4443, -96.9409



114.5020, -20.9535, 94.2757



101.0290, 8.8597, -88.6024

Square

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



114.5020, -20.9535, 94.2757



108.5250, -53.5028, -12.7384



108.3420, 34.3414, -95.0159



124.2350, 50.6631, -9.8531

Rectangle

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



114.5020, -20.9535, 94.2757



116.5630, -57.4656, 45.1102



108.3420, 34.3414, -95.0159



107.6650, 64.7482, -94.4222

Sweetspot

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



114.5020, -20.9535, 94.2757



217.3740, -7.0864, 32.9980



130.1070, 45.3032, 76.2052



105.5680, -4.7170, 19.6729



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.



114.5020, -20.9535, 94.2757



107.0720, -28.6295, 129.7329



156.3100, -43.5368, 57.6101



104.2890, -1.6215, 6.7625



53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Inverse Universe

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



114.5020, -20.9535, 94.2757



107.0720, -28.6295, 129.7329



133.6900, 43.5368, -57.6101



104.2890, -1.6215, 6.7625



53.1940, -23.7596, 107.7009



14.4660, -6.6387, 29.4093

Previews

White Background



This preview shows how the YUV color 114.5020, -20.9535, 94.2757 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 114.5020, -20.9535, 94.2757 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 114.5020, -20.9535, 94.2757

Background



This preview shows how black text looks on a background with the YUV color 114.5020, -20.9535, 94.2757.



This preview shows how white text looks on a background with the YUV color 114.5020, -20.9535, 94.2757.

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

114.5020, -20.9535, 94.2757

Protanopia

123.1570, -14.8674, 8.6323

Deuteranopia

122.8960, -29.0357, 26.4012



Tritanopia

114.3880, -21.3903, 94.3757

Trichromacy



Original Color

114.5020, -20.9535, 94.2757

Protanomaly

120.0730, -17.2910, 39.4010

Deuteranomaly

119.5600, -25.9121, 51.2519

Tritanomaly

114.3880, -21.3903, 94.3757

Monochromacy



Original Color

114.5020, -20.9535, 94.2757

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8580, -7.8180, 34.3275

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5020, -20.9535, 94.2757 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(222, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(222, 68, 72)  
}
```

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(222, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 68, 72) }
```

Border

The CSS property to change the border of an element to YUV 114.5020, -20.9535, 94.2757 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(222, 68, 72) }
```


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

```
.border{ border-color:rgb(222, 68, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 68, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(222, 68,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 114.5020, -20.9535, 94.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 68, 72) }
```

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

```
.background{ background-color: rgb(222, 68,  
72) }
```

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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