

Converting Colors

YUV(90.4830, -25.3811,
114.4634)

Have a look what the booklet for
YUV(90.4830, -25.3811, 114.4634)
contains.

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Color

**YUV(90.4830, -25.3811,
114.4634)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD2227 |
| RGB | 221, 34, 39 |
| RGB Percent | 87%, 13%, 15% |
| CMY | 0.1333, 0.8667, 0.8471 |
| CMYK | 0.00, 0.85, 0.82, 0.13 |
| HSL | 358°, 73%, 50% |
| HSV | 358°, 85%, 87% |
| XYZ | 30.7570, 16.6627, 3.5146 |
| YIQ | 90.4830, 109.8470, 41.1990 |

Conversions

Conversions Part 2

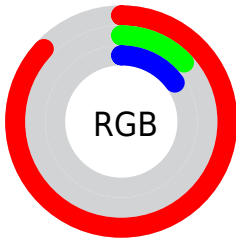
| Format | Color |
|-------------------------------------|---|
| RYB | 221, 34, 39 |
| Decimal | 14492199 |
| CIELab | 47.83, 68.13, 46.38 |
| CIElCh | 48, 82.419, 34.241 |
| Yxy | 16.6627, 0.6039, 0.3271 |
| Android (android.graphics.Color) | 4292682279 (0xFFDD2227) |
| YUV | 90.4830, -25.3811, 114.4634 |
| Hunter-Lab | 40.8200, 63.0613, 23.4691 |

Details

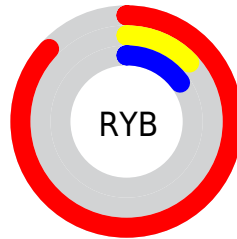
The YUV color **90.4830, -25.3811, 114.4634** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **164.5170, 25.3811, -114.4634**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3360, -29.2526, 96.1753**, and **46.9430, -23.1429, 96.5200** is the 20% darker color. If you saturate the color by 10%, you get **75.0610, -28.6241, 127.9885**, and if you desaturate by 10%, it is **105.9050, -22.1382, 100.9383**.

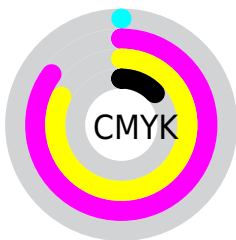
Distribution



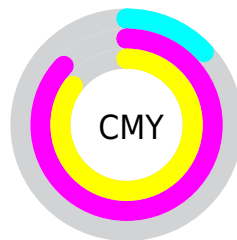
- Red (87%)
- Green (13%)
- Blue (15%)



- Red (87%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (85%)
- Yellow (82%)
- Black (13%)





- Cyan (13%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.4830, -25.3811, 114.4634 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 90.4830, -25.3811, 114.4634 by changing the saturation by 10% instead.


 90.4830, -25.3811,
114.4634


 90.4830, -25.3811,
114.4634


255.0000, 0.0000,
0.0000

 58.4490, -20.4344,
114.4932


 145.3360,
-29.2526, 96.1753

 46.9430, -23.1429,
96.5200


 165.2090,
-26.7250, 78.7467

 37.0760, -18.2785,
76.2323


 185.0820,
-24.1974, 61.3181

 27.9210, -13.2721,
57.0743

 205.7700,
-21.0856, 43.1747

 19.4780, -8.1237,
39.0458

 225.8710,
-17.6844, 25.5461

 8.7850, -3.8380,
17.7286

 246.6730,

 0.0000, 0.0000,

-14.1358, 7.3028

0.0000

254.0880, -3.4944,
0.7998

90.4830, -25.3811,
114.4634

90.4830, -25.3811,
114.4634

75.0610, -28.6241,
127.9885

105.9050,
-22.1382, 100.9383

66.7630, -29.9562,
135.2658

121.2130,
-19.3320, 87.5132

136.6350,
-16.0891, 73.9881

151.9430,
-13.2829, 60.5630

167.9520,
-10.3293, 46.5231

■ 183.2600, -7.5232,
33.0980

■ 198.6820, -4.2802,
19.5729

■ 213.9900, -1.4741,
6.1478

■ 229.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



80.9680, 12.8338, 130.7011



90.4830, -25.3811, 114.4634



104.9110, -51.7211, 69.3611

Triad

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



90.4830, -25.3811, 114.4634



86.3640, -19.4065, -75.7412



99.5100, 76.6566, -87.2703

Complementary

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



90.4830, -25.3811, 114.4634



164.5170, 25.3811, -114.4634

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.



107.1920, 65.4743, -94.0074



90.4830, -25.3811, 114.4634



97.2620, 12.1958, -85.2988

Square

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



90.4830, -25.3811, 114.4634



91.8580, -45.2860, -34.9555



105.1280, 42.3349, -92.1973



113.4460, 57.4611, 3.1169

Rectangle

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



90.4830, -25.3811, 114.4634



107.0720, -52.7865, 37.6479



105.1280, 42.3349, -92.1973



103.5050, 74.1940, -90.7739

Sweetspot

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



90.4830, -25.3811, 114.4634



210.3640, -8.5605, 39.1458



109.4370, 55.0006, 92.5788



100.7750, -5.3121, 23.8763



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.



90.4830, -25.3811, 114.4634



77.0430, -34.5312, 156.0683



140.9820, -52.7421, 70.1758



102.2890, -1.6215, 6.7625



52.2970, -23.3174, 105.8565



13.8680, -6.3439, 28.1798

Inverse Universe

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



90.4830, -25.3811, 114.4634



77.0430, -34.5312, 156.0683



114.0180, 52.7421, -70.1758



102.2890, -1.6215, 6.7625



52.2970, -23.3174, 105.8565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 90.4830, -25.3811, 114.4634 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



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 90.4830, -25.3811, 114.4634

Background



This preview shows how black text looks on a background with the YUV color 90.4830, -25.3811, 114.4634.



This preview shows how white text looks on a background with the YUV color 90.4830, -25.3811,

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

90.4830, -25.3811, 114.4634

Protanopia

111.9050, -26.0822, 12.3613

Deuteranopia

109.2050, -44.4711, 30.5152



Tritanopia

90.3860, -28.2913, 114.5485

Trichromacy



Original Color

90.4830, -25.3811, 114.4634

Protanomaly

104.5490, -25.9067, 49.5075

Deuteranomaly

102.5260, -37.7273, 60.9287

Tritanomaly

90.6140, -27.4177, 114.3485

Monochromacy



Original Color

90.4830, -25.3811, 114.4634

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4460, -9.5869, 41.7049

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4830, -25.3811, 114.4634 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, 34, 39)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 39)  
}
```

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, 34, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 39) }
```

Border

The CSS property to change the border of an element to YUV 90.4830, -25.3811, 114.4634 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, 34, 39) }
```


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

```
.border{ border-color:rgb(221, 34, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 34, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 39);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 90.4830, -25.3811, 114.4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 39) }
```

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

```
.background{ background-color: rgb(221, 34,  
39) }
```

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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