

Converting Colors

YUV(90.1680, -24.2398,
121.7557)

Have a look what the booklet for
YUV(90.1680, -24.2398, 121.7557)
contains.

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Color

**YUV(90.1680, -24.2398,
121.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	E51D29
RGB	229, 29, 41
RGB Percent	90%, 11%, 16%
CMY	0.1020, 0.8863, 0.8392
CMYK	0.00, 0.87, 0.82, 0.10
HSL	356°, 79%, 51%
HSV	356°, 87%, 90%
XYZ	33.1527, 17.6968, 3.7663
YIQ	90.1680, 115.3480, 46.1320

Conversions

Conversions Part 2

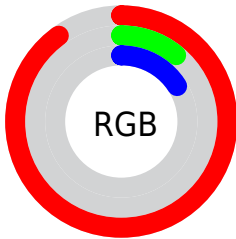
Format	Color
RYB	229, 29, 41
Decimal	15015209
CIELab	49.13, 71.25, 47.12
CIElCh	49, 85.419, 33.480
Yxy	17.6968, 0.6070, 0.3240
Android (android.graphics.Color)	4293205289 (0xFFE51D29)
YUV	90.1680, -24.2398, 121.7557
Hunter-Lab	42.0676, 67.0542, 24.1391

Details

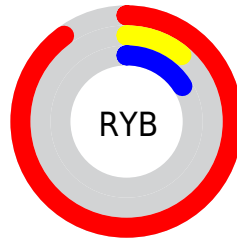
The YUV color **90.1680, -24.2398, 121.7557** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **167.8320, 24.2398, -121.7557**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9770, -28.0897, 96.4902**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **74.1590, -27.1934, 135.7956**, and if you desaturate by 10%, it is **106.1770, -21.2863, 107.7158**.

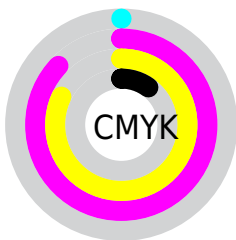
Distribution



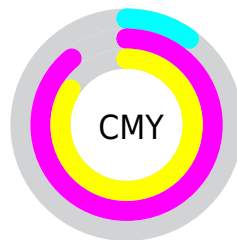
- Red (90%)
- Green (11%)
- Blue (16%)



- Red (90%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (82%)
- Black (10%)



- Cyan (10%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1680, -24.2398, 121.7557 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 90.1680, -24.2398, 121.7557 by changing the saturation by 10% instead.

■ 90.1680, -24.2398,
121.7557

■ 90.1680, -24.2398,
121.7557

■ 255.0000, 0.0000,
0.0000

■ 60.7700, -20.5926,
118.5967

■ 144.9770,
-28.0897, 96.4902

■ 49.0360, -24.1747,
100.8234

■ 165.4370,
-25.8514, 78.5468

■ 39.4680, -19.4577,
81.1506

■ 185.4240,
-22.8870, 61.0182

■ 30.0140, -14.3039,
61.3777

■ 205.9980,
-20.2120, 42.9748

■ 21.6850, -8.7187,
43.2493

■ 226.0990,
-16.8108, 25.3462

■ 11.4760, -5.1647,
23.2615

■ 247.6020,

■ 0.0000, 0.0000,

-13.1148, 6.4880

0.0000

254.3160, -2.6208,
0.5999

■ 90.1680, -24.2398,
121.7557

■ 90.1680, -24.2398,
121.7557

■ 74.1590, -27.1934,
135.7956

■ 106.1770,
-21.2863, 107.7158

■ 70.0670, -27.6410,
139.3842

■ 122.0720,
-18.7695, 93.7759

■ 138.0810,
-15.8159, 79.7360

■ 153.9760,
-13.2992, 65.7960

■ 169.9850,
-10.3456, 51.7562

■ 185.2930, -7.5394,
38.3310

■ 201.3020, -4.5859,
24.2911

■ 217.1970, -2.0691,
10.3512

■ 233.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



83.9300, 13.8385, 135.1194



90.1680, -24.2398, 121.7557



107.5910, -53.0424, 73.1497

Triad

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



90.1680, -24.2398, 121.7557



88.4840, -21.4376, -77.6005



102.4450, 75.2096, -89.8443

Complementary

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



90.1680, -24.2398, 121.7557



167.8320, 24.2398, -121.7557

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.



111.0390, 67.5218, -97.3812



90.1680, -24.2398, 121.7557



99.8380, 11.9119, -87.5579

Square

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



90.1680, -24.2398, 121.7557



94.8040, -46.7384, -35.7851



108.0460, 43.3613, -94.7563



116.3470, 60.9609, 0.5727

Rectangle

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



90.1680, -24.2398, 121.7557



110.6270, -54.5391, 39.7921



108.0460, 43.3613, -94.7563



105.9670, 73.4733, -92.9331

Sweetspot

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



90.1680, -24.2398, 121.7557



209.1900, -7.9817, 40.1754



107.7130, 59.7945, 94.9677



100.1880, -5.0227, 24.3911



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.



90.1680, -24.2398, 121.7557



77.9550, -31.0368, 155.2685



139.8690, -54.6584, 78.1679



106.7020, -1.3321, 7.2773



54.7750, -21.5811, 108.9453



15.5910, -6.2074, 31.0537

Inverse Universe

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



90.1680, -24.2398, 121.7557



77.9550, -31.0368, 155.2685



118.1310, 54.6584, -78.1679



106.7020, -1.3321, 7.2773



54.7750, -21.5811, 108.9453



15.5910, -6.2074, 31.0537

Previews

White Background



This preview shows how the YUV color 90.1680, -24.2398, 121.7557 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 90.1680, -24.2398, 121.7557 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 90.1680, -24.2398, 121.7557

Background



This preview shows how black text looks on a background with the YUV color 90.1680, -24.2398, 121.7557.



This preview shows how white text looks on a background with the YUV color 90.1680, -24.2398, 121.7557.

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

90.1680, -24.2398, 121.7557

Protanopia

115.3180, -25.7928, 12.8761

Deuteranopia

112.3900, -45.0553, 31.2300



Tritanopia

89.7460, -30.9338, 122.1258

Trichromacy



Original Color

90.1680, -24.2398, 121.7557

Protanomaly

106.3860, -25.3333, 52.2815

Deuteranomaly

104.2490, -37.5908, 63.8026

Tritanomaly

89.7290, -28.4604, 122.1407

Monochromacy



Original Color

90.1680, -24.2398, 121.7557

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2830, -9.0135, 44.4788

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1680, -24.2398, 121.7557 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, 29, 41)` looks like.

```
.text, #text, p{  
    color:rgb(229, 29, 41)  
}
```

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, 29, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 29, 41) }
```

Border

The CSS property to change the border of an element to YUV 90.1680, -24.2398, 121.7557 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, 29, 41) }
```


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

```
.border{ border-color:rgb(229, 29, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 29, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 29, 41); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 29, 41); box-shadow:4px 4px 4px 4px rgb(229, 29, 41) }
```

Background

The CSS property to change the background color of an element to YUV 90.1680, -24.2398, 121.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 29, 41) }
```

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

```
.background{ background-color: rgb(229, 29,  
41) }
```

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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