

Converting Colors

YUV(82.2510, -23.2947,
145.3619)

Have a look what the booklet for
YUV(82.2510, -23.2947, 145.3619)
contains.

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Color

**YUV(82.2510, -23.2947,
145.3619)**

Conversions

Conversions Part 1

Format	Color
Hex	F80723
RGB	248, 7, 35
RGB Percent	97%, 3%, 14%
CMY	0.0275, 0.9725, 0.8627
CMYK	0.00, 0.97, 0.86, 0.03
HSL	353°, 95%, 50%
HSV	353°, 97%, 97%
XYZ	39.0908, 20.2298, 3.4345
YIQ	82.2510, 134.6480, 59.8000

Conversions

Conversions Part 2

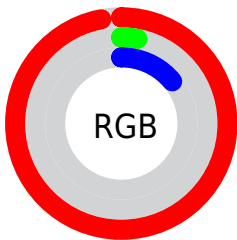
Format	Color
R_{YB}	248, 7, 35
Decimal	16254755
CIE Lab	52.10, 78.32, 54.21
CIE LCh	52, 95.250, 34.693
Yxy	20.2298, 0.6229, 0.3224
Android (android.graphics.Color)	4294444835 (0xFF80723)
YUV	82.2510, -23.2947, 145.3619
Hunter-Lab	44.9775, 76.4269, 26.9568

Details

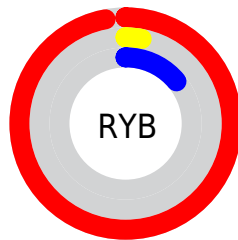
The YUV color **82.2510, -23.2947, 145.3619** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **172.7490, 23.2947, -145.3619**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5320, -29.8423, 98.6344**, and **54.1190, -26.6807, 111.2746** is the 20% darker color. If you saturate the color by 10%, you get **77.4580, -23.8898, 149.5653**, and if you desaturate by 10%, it is **99.4340, -20.9200, 130.2924**.

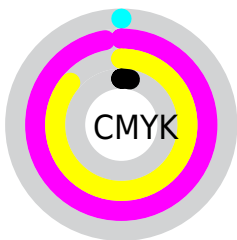
Distribution



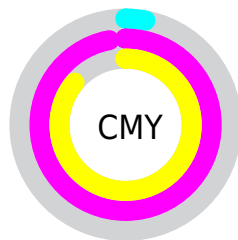
- Red (97%)
- Green (3%)
- Blue (14%)



- Red (97%)
- Yellow (3%)
- Blue (14%)



- Cyan (0%)
- Magenta (97%)
- Yellow (86%)
- Black (3%)





- Cyan (3%)
- Magenta (97%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.2510, -23.2947, 145.3619 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 82.2510, -23.2947, 145.3619 by changing the saturation by 10% instead.


 82.2510, -23.2947,
145.3619


 82.2510, -23.2947,
145.3619


255.0000, 0.0000,
0.0000

 65.2400, -26.7403,
130.4625


 142.5320,
-29.8423, 98.6344


 54.1190, -26.6807,
111.2746


 163.5790,
-27.8934, 80.1762


 44.2520, -21.8162,
90.9870


 184.1530,
-25.2184, 62.1328

 34.9120, -16.2256,
71.1142

 204.8410,
-22.1066, 43.9894

 25.8710, -10.7824,
51.8561

 226.1160,
-19.2842, 25.3313

 16.0750, -6.9390,
32.3832


 246.9180,


 0.8970, -0.4422,


-15.7356, 7.0879


1.8443


 253.7460, -4.8048,
1.0998


 0.0000, 0.0000,
0.0000


 82.2510, -23.2947,
145.3619


 82.2510, -23.2947,
145.3619


 77.4580, -23.8898,
149.5653

 99.4340, -20.9200,
130.2924

 116.6170,
-18.5452, 115.2229

 133.2130,
-15.8810, 100.6682

 150.3960,
-13.5062, 85.5987

 167.5790,
-11.1314, 70.5292

■ 184.7620, -8.7567,
55.4597

■ 201.8310, -6.8187,
40.4902

■ 218.4270, -4.1545,
25.9355

■ 235.6100, -1.7797,
10.8660

Harmonies

Analogous

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



89.3550, 12.6430, 145.2707



82.2510, -23.2947, 145.3619



114.7120, -56.5530, 79.1826

Triad

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



82.2510, -23.2947, 145.3619



95.0550, -24.1841, -83.3632



106.5540, 73.1839, -93.4479

Complementary

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



82.2510, -23.2947, 145.3619



172.7490, 23.2947, -145.3619

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.



117.7070, 67.6854, -103.2290



82.2510, -23.2947, 145.3619



107.0760, 14.2595, -93.9057

Square

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



82.2510, -23.2947, 145.3619



97.0860, -47.8634, -48.3104



116.1960, 49.2034, -101.9039



122.5200, 65.3126, 4.8060

Rectangle

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



82.2510, -23.2947, 145.3619



117.1280, -57.7441, 41.1067



116.1960, 49.2034, -101.9039



111.2500, 70.8688, -97.5662

Sweetspot

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



82.2510, -23.2947, 145.3619



204.1520, -6.9769, 44.5937



98.1610, 73.8706, 106.8528



97.0250, -4.4493, 27.1651



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.



82.2510, -23.2947, 145.3619



79.6650, -24.4848, 153.7688



133.0630, -62.1491, 100.7997



116.1150, -1.0427, 7.7921



59.0190, -18.2504, 113.9933



19.0370, -5.9342, 36.8016

Inverse Universe

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



82.2510, -23.2947, 145.3619



79.6650, -24.4848, 153.7688



121.9370, 62.1491, -100.7997



116.1150, -1.0427, 7.7921



59.0190, -18.2504, 113.9933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 82.2510, -23.2947, 145.3619 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



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 82.2510, -23.2947, 145.3619

Background



This preview shows how black text looks on a background with the YUV color 82.2510, -23.2947, 145.3619.



This preview shows how white text looks on a background with the YUV color 82.2510, -23.2947,

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

82.2510, -23.2947, 145.3619

Protanopia

122.1350, -31.6186, 14.7906

Deuteranopia

117.0950, -57.7278, 35.8737



Tritanopia

86.7670, -42.7761, 140.5243

Trichromacy



Original Color

82.2510, -23.2947, 145.3619

Protanomaly

107.9420, -28.5654, 62.3179

Deuteranomaly

104.3770, -45.0489, 75.9684

Tritanomaly

85.3140, -35.6508, 141.7986

Monochromacy



Original Color

82.2510, -23.2947, 145.3619

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1530, -8.4564, 52.4858

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2510, -23.2947, 145.3619 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(248, 7, 35)` looks like.

```
.text, #text, p{  
    color:rgb(248, 7, 35)  
}
```

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(248, 7, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 7, 35) }
```

Border

The CSS property to change the border of an element to YUV 82.2510, -23.2947, 145.3619 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(248, 7, 35) }
```


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

```
.border{ border-color:rgb(248, 7, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 7, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 7, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 7, 35);  
box-shadow:4px 4px 4px 4px rgb(248, 7, 35)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.2510, -23.2947, 145.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 7, 35) }
```

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

```
.background{ background-color: rgb(248, 7,  
35) }
```

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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