

Converting Colors

YUV(90.3760, -9.5524,
124.2042)

Have a look what the booklet for
YUV(90.3760, -9.5524, 124.2042)
contains.

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Color

**YUV(90.3760, -9.5524,
124.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	E81647
RGB	232, 22, 71
RGB Percent	91%, 9%, 28%
CMY	0.0902, 0.9137, 0.7216
CMYK	0.00, 0.91, 0.69, 0.09
HSL	346°, 83%, 50%
HSV	346°, 91%, 91%
XYZ	34.7030, 18.1846, 7.6422
YIQ	90.3760, 109.4310, 59.7590

Conversions

Conversions Part 2

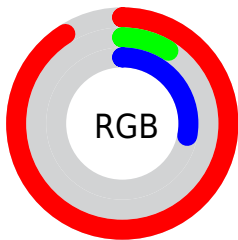
Format	Color
R_{YB}	232, 22, 71
Decimal	15210055
CIE _{Lab}	49.72, 74.09, 30.81
CIE _{LCh}	50, 80.244, 22.579
Yxy	18.1846, 0.5733, 0.3004
Android (android.graphics.Color)	4293400135 (0xFFE81647)
YUV	90.3760, -9.5524, 124.2042
Hunter-Lab	42.6434, 70.6366, 19.2249

Details

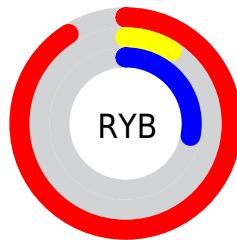
The YUV color **90.3760, -9.5524, 124.2042** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **163.6240, 9.5524, -124.2042**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3370, -13.9701, 94.4205**, and **53.4240, -12.5340, 100.4832** is the 20% darker color. If you saturate the color by 10%, you get **75.5240, -10.6113, 137.2295**, and if you desaturate by 10%, it is **105.9290, -8.3460, 110.5643**.

Distribution



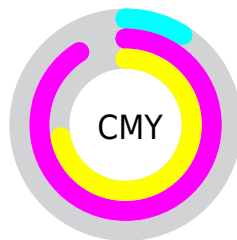
- Red (91%)
- Green (9%)
- Blue (28%)



- Red (91%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (91%)
- Yellow (69%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.3760, -9.5524, 124.2042 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 90.3760, -9.5524, 124.2042 by changing the saturation by 10% instead.


 90.3760, -9.5524,
124.2042

 90.3760, -9.5524,
124.2042


255.0000, 0.0000,
0.0000


 65.3860, -8.0783,
118.0565


 147.3370,
-13.9701, 94.4205


 53.4240, -12.5340,
100.4832


 168.4980,
-11.5845, 75.8623

 41.2340, -17.8634,
83.1098


 188.4850, -8.6201,
58.3337

 31.3240, -14.4567,
63.7369

 209.1730, -5.5083,
40.1903

 22.8810, -9.3083,
45.7084

 229.9750, -1.9597,
21.9469

 12.6720, -5.7543,
25.7207

 250.8910, 2.0257,

 0.0000, 0.0000,

3.6036

0.0000

■ 90.3760, -9.5524,
124.2042

■ 90.3760, -9.5524,
124.2042

■ 75.5240, -10.6113,
137.2295

■ 105.9290, -8.3460,
110.5643

■ 121.4820, -7.1396,
96.9243

■ 137.5080, -6.6594,
82.8695

■ 153.0610, -5.4531,
69.2295

■ 168.6140, -4.2467,
55.5895

■ 184.1670, -3.0403,
41.9495

■ 199.7200, -1.8340,
28.3096

■ 215.7460, -1.3538,
14.2548

■ 231.2990, -0.1474,
0.6148

Harmonies

Analogous

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



83.6050, 26.8167, 125.7574



90.3760, -9.5524, 124.2042



106.2060, -52.3596, 87.5193

Triad

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



90.3760, -9.5524, 124.2042



84.8190, -32.9418, -74.3863



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.



90.3760, -9.5524, 124.2042



163.6240, 9.5524, -124.2042

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.



110.4060, 57.4808, -96.8261



90.3760, -9.5524, 124.2042



96.2870, 0.8445, -84.4437

Square

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



90.3760, -9.5524, 124.2042



104.4160, -51.4771, -9.1348



105.5550, 31.2784, -92.5717



107.5860, 68.2381, -46.9949

Rectangle

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



90.3760, -9.5524, 124.2042



111.3240, -54.8827, 56.7209



105.5550, 31.2784, -92.5717



108.9190, 69.5529, -95.5220

Sweetspot

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



90.3760, -9.5524, 124.2042



208.4550, -3.1823, 40.8200



94.0790, 67.9951, 77.9837



100.2850, -2.1125, 24.3061



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.



90.3760, -9.5524, 124.2042



83.0850, -11.3809, 150.7695



117.6620, -47.1614, 100.2744



106.9300, -0.4585, 7.0774



58.3090, -8.0403, 105.8460



16.6170, -2.2762, 30.1539

Inverse Universe

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



90.3760, -9.5524, 124.2042



83.0850, -11.3809, 150.7695



136.3380, 47.1614, -100.2744



106.9300, -0.4585, 7.0774



58.3090, -8.0403, 105.8460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 90.3760, -9.5524, 124.2042 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 90.3760, -9.5524, 124.2042 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 90.3760, -9.5524, 124.2042

Background



This preview shows how black text looks on a background with the YUV color 90.3760, -9.5524, 124.2042.

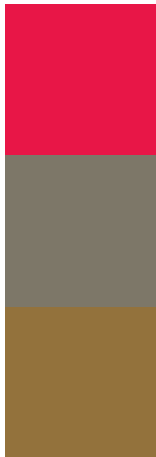


This preview shows how white text looks on a background with the YUV color 90.3760, -9.5524,

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

90.3760, -9.5524, 124.2042

Protanopia

119.0840, -7.4364, 5.1883

Deuteranopia

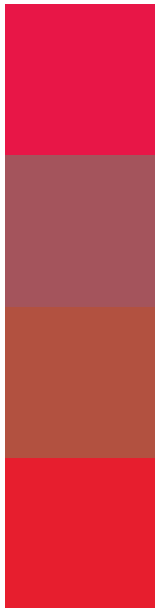
117.7110, -28.4515, 25.6865



Tritanopia

92.5610, -30.3496, 121.4110

Trichromacy



Original Color

90.3760, -9.5524, 124.2042

Protanomaly

108.8320, -8.2982, 48.3823

Deuteranomaly

108.0650, -21.7240, 61.3330

Tritanomaly

91.9230, -22.6400, 121.9705

Monochromacy



Original Color

90.3760, -9.5524, 124.2042

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0750, -3.4880, 45.5382

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3760, -9.5524, 124.2042 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(232, 22, 71)` looks like.

```
.text, #text, p{  
    color:rgb(232, 22, 71)  
}
```

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(232, 22, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 22, 71) }
```

Border

The CSS property to change the border of an element to YUV 90.3760, -9.5524, 124.2042 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(232, 22, 71) }
```


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

```
.border{ border-color:rgb(232, 22, 71) }
```

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

Here you see how a box with a 4 pixel rgb(232, 22, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 22, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 22, 71);  
box-shadow:4px 4px 4px 4px rgb(232, 22,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 90.3760, -9.5524, 124.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 22, 71) }
```

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

```
.background{ background-color: rgb(232, 22,  
71) }
```

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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