

Converting Colors

YUV(114.6220, -9.6736,
69.6145)

Have a look what the booklet for
YUV(114.6220, -9.6736, 69.6145)
contains.

YUV(114.6220, -9.6736, 69.6145)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.6220, -9.6736,
69.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	C24E5F
RGB	194, 78, 95
RGB Percent	76%, 31%, 37%
CMY	0.2392, 0.6941, 0.6275
CMYK	0.00, 0.60, 0.51, 0.24
HSL	351°, 49%, 53%
HSV	351°, 60%, 76%
XYZ	27.0381, 17.7443, 12.8264
YIQ	114.6220, 63.6790, 29.8790

Conversions

Conversions Part 2

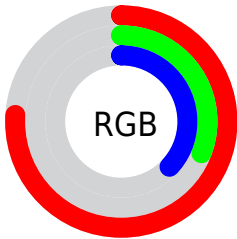
Format	Color
R_{YB}	194, 78, 95
Decimal	12734047
CIE Lab	49.18, 47.87, 14.35
CIE LCh	49, 49.974, 16.682
Yxy	17.7443, 0.4693, 0.3080
Android (android.graphics.Color)	4290924127 (0xFFC24E5F)
YUV	114.6220, -9.6736, 69.6145
Hunter-Lab	42.1240, 40.8565, 11.4335

Details

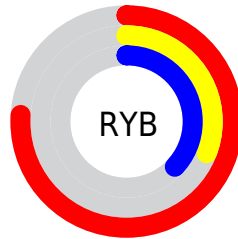
The YUV color **114.6220, -9.6736, 69.6145** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **157.3780, 9.6736, -69.6145**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9600, -12.3053, 73.7031**, and **57.6910, -4.2847, 67.8000** is the 20% darker color. If you saturate the color by 10%, you get **101.5310, -11.6008, 81.0953**, and if you desaturate by 10%, it is **127.7130, -7.7465, 58.1337**.

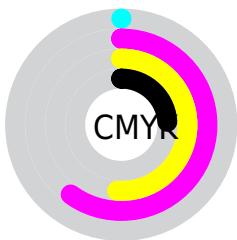
Distribution



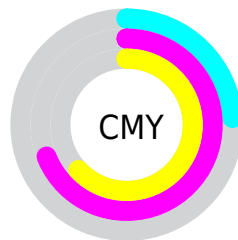
- Red (76%)
- Green (31%)
- Blue (37%)



- Red (76%)
- Yellow (31%)
- Blue (37%)



- Cyan (0%)
- Magenta (60%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6220, -9.6736, 69.6145 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 114.6220, -9.6736, 69.6145 by changing the saturation by 10% instead.

■ 114.6220, -9.6736,
69.6145

■ 114.6220, -9.6736,
69.6145

255.0000, 0.0000,
0.0000

■ 87.0670, -7.9210,
67.4702

■ 169.9600,
-12.3053, 73.7031

■ 57.6910, -4.2847,
67.8000

■ 189.1860, -8.4727,
57.7189

■ 35.2990, -3.1054,
62.8818

■ 208.7000, -4.7821,
40.6051

■ 23.8490, -10.7716,
48.3674

■ 228.9150, -0.9441,
22.8765

■ 16.0750, -6.9390,
32.3832

■ 249.1300, 2.8939,
5.1480

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,

0.0000

■ 114.6220, -9.6736,
69.6145

■ 114.6220, -9.6736,
69.6145

■ 101.5310,
-11.6008, 81.0953

■ 127.7130, -7.7465,
58.1337

■ 87.9670, -12.8017,
92.9909

■ 141.2770, -6.5456,
46.2381

■ 74.8760, -14.7289,
104.4717

■ 154.3680, -4.6184,
34.7573

■ 61.3120, -15.9298,
116.3674

■ 167.9320, -3.4175,
22.8616

■ 61.1980, -16.3666,
116.4674

■ 181.0230, -1.4903,
11.3808

■ 194.0000, 0.0000,
0.0000

■ 207.6780, 1.6377,
-11.9956

■ 220.6550, 3.1281,
-23.3764

■ 234.3330, 4.7658,
-35.3720

Harmonies

Analogous

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



117.7080, 10.0040, 58.1381



114.6220, -9.6736, 69.6145



114.3330, -28.2652, 59.3440

Triad

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



114.6220, -9.6736, 69.6145



103.2000, -23.7626, -31.7474



97.2350, 50.1701, -85.2751

Complementary

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



114.6220, -9.6736, 69.6145



157.3780, 9.6736, -69.6145

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.



99.5370, 38.6823, -87.2939



114.6220, -9.6736, 69.6145



90.7760, 2.5754, -79.6106

Square

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



114.6220, -9.6736, 69.6145



109.2620, -41.0482, 5.9092



96.3790, 21.5052, -84.5244



113.1220, 41.8449, -28.1710

Rectangle

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



114.6220, -9.6736, 69.6145



113.3130, -38.1153, 45.3295



96.3790, 21.5052, -84.5244



98.4260, 47.1180, -86.3196

Sweetspot

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



114.6220, -9.6736, 69.6145



221.2530, -3.5757, 26.9651



120.8250, 36.0753, 49.2655



108.2410, -2.0908, 17.3286



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.



114.6220, -9.6736, 69.6145



128.0830, -15.3239, 108.6752



136.7510, -28.9642, 50.2074



90.2180, -0.6005, 5.9478



50.8750, -13.2494, 96.5796



10.4370, -2.6804, 19.7878

Inverse Universe

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



114.6220, -9.6736, 69.6145



128.0830, -15.3239, 108.6752



135.2490, 28.9642, -50.2074



90.2180, -0.6005, 5.9478



50.8750, -13.2494, 96.5796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 114.6220, -9.6736, 69.6145 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 114.6220, -9.6736, 69.6145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

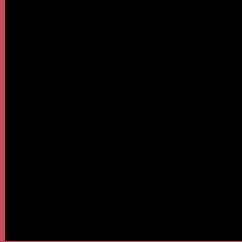
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 114.6220, -9.6736, 69.6145

Background



This preview shows how black text looks on a background with the YUV color 114.6220, -9.6736, 69.6145.



This preview shows how white text looks on a background with the YUV color 114.6220, -9.6736,

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

114.6220, -9.6736, 69.6145

Protanopia

117.6690, -1.3158, 2.0443

Deuteranopia

117.8530, -13.7315, 17.6689



Tritanopia

114.3570, -14.4730, 68.9699

Trichromacy



Original Color

114.6220, -9.6736, 69.6145

Protanomaly

116.7260, -4.3019, 26.5503

Deuteranomaly

116.4300, -12.0440, 36.4569

Tritanomaly

114.2260, -12.4364, 69.0848

Monochromacy



Original Color

114.6220, -9.6736, 69.6145

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2420, -3.5703, 25.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6220, -9.6736, 69.6145 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(194, 78, 95)` looks like.

```
.text, #text, p{  
    color:rgb(194, 78, 95)  
}
```

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(194, 78, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 78, 95) }
```

Border

The CSS property to change the border of an element to YUV 114.6220, -9.6736, 69.6145 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(194, 78, 95) }
```


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

```
.border{ border-color:rgb(194, 78, 95) }
```

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

Here you see how a box with a 4 pixel rgb(194, 78, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 78, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 78, 95);  
box-shadow:4px 4px 4px 4px rgb(194, 78,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 114.6220, -9.6736, 69.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 78, 95) }
```

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

```
.background{ background-color: rgb(194, 78,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor