

Converting Colors

YUV(141.9990, -14.7895,
77.1769)

Have a look what the booklet for
YUV(141.9990, -14.7895, 77.1769)
contains.

YUV(141.9990, -14.7895, 77.1769)	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(141.9990, -14.7895,
77.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	E66770
RGB	230, 103, 112
RGB Percent	90%, 40%, 44%
CMY	0.0980, 0.5961, 0.5608
CMYK	0.00, 0.55, 0.51, 0.10
HSL	356°, 72%, 65%
HSV	356°, 55%, 90%
XYZ	40.4080, 27.6933, 18.5448
YIQ	141.9990, 72.8030, 29.7230

Conversions

Conversions Part 2

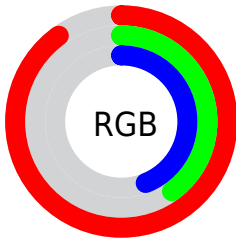
Format	Color
RYB	230, 103, 112
Decimal	15099760
CIELab	59.61, 50.06, 19.50
CIELCh	60, 53.720, 21.285
Yxy	27.6933, 0.4664, 0.3196
Android (android.graphics.Color)	4293289840 (0xFFE66770)
YUV	141.9990, -14.7895, 77.1769
Hunter-Lab	52.6245, 44.9695, 15.9433

Details

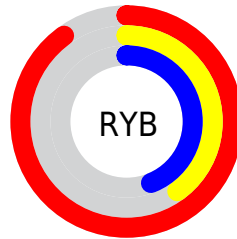
The YUV color **141.9990, -14.7895, 77.1769** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **191.0010, 14.7895, -77.1769**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6870, -11.6777, 59.0335**, and **86.3020, -10.9949, 73.4031** is the 20% darker color. If you saturate the color by 10%, you get **126.1040, -17.3063, 91.1168**, and if you desaturate by 10%, it is **157.8940, -12.2727, 63.2370**.

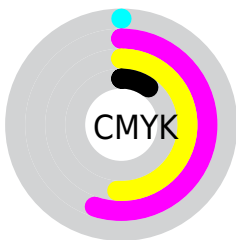
Distribution



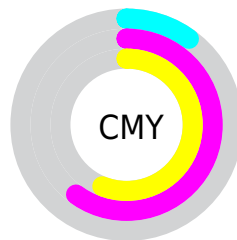
- Red (90%)
- Green (40%)
- Blue (44%)



- Red (90%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (55%)
- Yellow (51%)
- Black (10%)



- Cyan (10%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.9990, -14.7895, 77.1769 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 141.9990, -14.7895, 77.1769 by changing the saturation by 10% instead.

■ 141.9990,
-14.7895, 77.1769

■ 141.9990,
-14.7895, 77.1769

■ 255.0000, 0.0000,
0.0000

■ 114.4440,
-13.0369, 75.0326

■ 187.6870,
-11.6777, 59.0335

■ 86.3020, -10.9949,
73.4031

■ 207.2010, -7.9871,
41.9197

■ 55.5670, -6.1955,
74.0477

■ 226.7150, -4.2965,
24.8059

■ 35.6970, -6.7526,
66.0407

■ 247.0440, -0.0217,
6.9774

■ 24.5180, -12.0874,
50.4117

■ 16.9720, -7.3812,
34.2276

■ 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 141.9990,
-14.7895, 77.1769

■ 141.9990,
-14.7895, 77.1769

■ 126.1040,
-17.3063, 91.1168

■ 157.8940,
-12.2727, 63.2370

■ 110.0950,
-20.2598, 105.1567

■ 173.9030, -9.3192,
49.1971

■ 94.2000, -22.7766,
119.0966

■ 189.7980, -6.8024,
35.2572

■ 78.3050, -25.2934,
133.0365

■ 205.6930, -4.2856,
21.3172

■ 70.5940, -26.9148,
139.7991

■ 221.7020, -1.3321,
7.2773

■ 237.5970, 1.1847,
-6.6626

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



144.6770, 7.0612, 68.6893



141.9990, -14.7895, 77.1769



141.3460, -34.6806, 63.7176

Triad

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



141.9990, -14.7895, 77.1769



127.4760, -22.4197, -42.5135



116.8290, 59.2443, -102.4590

Complementary

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



141.9990, -14.7895, 77.1769



191.0010, 14.7895, -77.1769

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.



120.3050, 47.1776, -105.5075



141.9990, -14.7895, 77.1769



112.0340, 7.8712, -98.2538

Square

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



141.9990, -14.7895, 77.1769



134.8870, -42.3423, 0.9761



117.5060, 28.8375, -103.0528



143.0460, 43.8543, -19.3343

Rectangle

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



141.9990, -14.7895, 77.1769



139.8310, -43.7937, 46.6292



117.5060, 28.8375, -103.0528



118.7210, 56.3395, -104.1183

Sweetspot

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



141.9990, -14.7895, 77.1769



225.1990, -5.0281, 26.1355



152.1620, 38.3741, 58.6169



110.0020, -2.9590, 15.7842



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.



141.9990, -14.7895, 77.1769



138.6000, -19.5228, 102.0828



172.0840, -34.0584, 50.7923



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Inverse Universe

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



141.9990, -14.7895, 77.1769



138.6000, -19.5228, 102.0828



160.9160, 34.0584, -50.7923



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 141.9990, -14.7895, 77.1769 looks on a white background.

Color Contrast Check

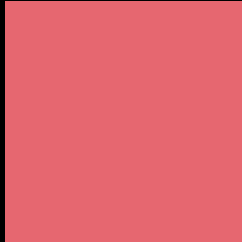
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 141.9990, -14.7895, 77.1769 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 141.9990, -14.7895, 77.1769

Background



This preview shows how black text looks on a background with the YUV color 141.9990, -14.7895, 77.1769.



This preview shows how white text looks on a background with the YUV color 141.9990, -14.7895, 77.1769.

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

141.9990, -14.7895, 77.1769

Protanopia

144.4260, -6.1260, 4.8884

Deuteranopia

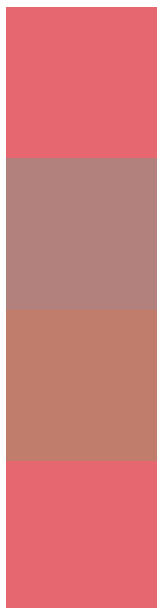
143.9200, -18.6946, 22.8722



Tritanopia

141.7710, -15.6631, 77.3768

Trichromacy



Original Color

141.9990, -14.7895, 77.1769

Protanomaly

143.4940, -9.1175, 31.1388

Deuteranomaly

143.0950, -17.3018, 42.8897

Tritanomaly

141.8850, -15.2263, 77.2769

Monochromacy



Original Color

141.9990, -14.7895, 77.1769

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.0960, -5.4703, 27.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.9990, -14.7895, 77.1769 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(230, 103, 112)` looks like.

```
.text, #text, p{  
    color:rgb(230, 103, 112)  
}
```

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(230, 103, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 103, 112) }
```

Border

The CSS property to change the border of an element to YUV 141.9990, -14.7895, 77.1769 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(230, 103, 112) }
```


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

```
.border{ border-color:rgb(230, 103, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 103, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 103, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 103, 112); box-shadow:4px 4px 4px 4px rgb(230, 103, 112) }
```

Background

The CSS property to change the background color of an element to YUV 141.9990, -14.7895, 77.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 103, 112) }
```

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

```
.background{ background-color: rgb(230,  
103, 112) }
```

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