

Converting Colors

YUV(127.5720, -20.4950,
87.1984)

Have a look what the booklet for
YUV(127.5720, -20.4950, 87.1984)
contains.

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Color

**YUV(127.5720, -20.4950,
87.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	E35556
RGB	227, 85, 86
RGB Percent	89%, 33%, 34%
CMY	0.1098, 0.6667, 0.6627
CMYK	0.00, 0.63, 0.62, 0.11
HSL	360°, 72%, 61%
HSV	360°, 63%, 89%
XYZ	36.6068, 23.4998, 11.4106
YIQ	127.5720, 84.3110, 30.4150

Conversions

Conversions Part 2

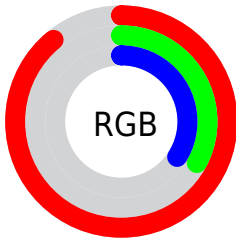
Format	Color
RYB	227, 85, 86
Decimal	14898518
CIELab	55.58, 55.24, 29.13
CIELCh	56, 62.444, 27.804
Yxy	23.4998, 0.5119, 0.3286
Android (android.graphics.Color)	4293088598 (0xFFE35556)
YUV	127.5720, -20.4950, 87.1984
Hunter-Lab	48.4766, 49.9591, 19.9777

Details

The YUV color **127.5720, -20.4950, 87.1984** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **184.4280, 20.4950, -87.1984**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9290, -18.6990, 71.0993**, and **67.5100, -13.0694, 85.4987** is the 20% darker color. If you saturate the color by 10%, you get **111.4490, -23.8854, 101.3382**, and if you desaturate by 10%, it is **143.6950, -17.1046, 73.0585**.

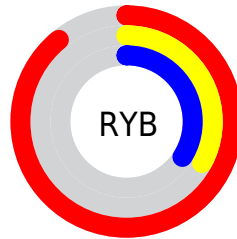
Distribution



Red (89%)

Green (33%)

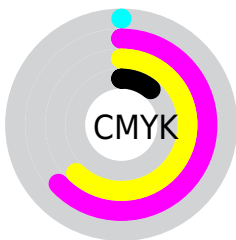
Blue (34%)



Red (89%)

Yellow (33%)

Blue (34%)

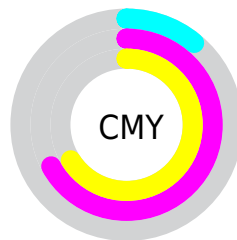


Cyan (0%)

Magenta (63%)

Yellow (62%)

Black (11%)



Cyan (11%)

Magenta (67%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5720, -20.4950, 87.1984 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 127.5720, -20.4950, 87.1984 by changing the saturation by 10% instead.

■ 127.5720,
-20.4950, 87.1984

■ 127.5720,
-20.4950, 87.1984

■ 255.0000, 0.0000,
0.0000

■ 99.2450, -17.8688,
84.8541

■ 173.9290,
-18.6990, 71.0993

■ 67.5100, -13.0694,
85.4987

■ 193.3290,
-15.4452, 54.0855

■ 42.6450, -11.1640,
80.9953

■ 213.4300,
-12.0440, 36.4569

■ 31.3950, -15.4777,
64.5516

■ 233.6450, -8.2060,
18.7283

■ 22.4250, -11.0555,
46.1083

■ 253.8600, -4.3680,
0.9998

■ 14.2810, -6.0545,
28.6946

■ 0.0000, 0.0000,

0.0000

■ 127.5720,
-20.4950, 87.1984

■ 127.5720,
-20.4950, 87.1984

■ 111.4490,
-23.8854, 101.3382

■ 143.6950,
-17.1046, 73.0585

■ 96.0270, -27.1283,
114.8633

■ 159.1170,
-13.8617, 59.5334

■ 79.9040, -30.5187,
129.0032

■ 175.2400,
-10.4713, 45.3935

■ 68.1010, -32.5878,
139.3544

■ 191.2490, -7.5178,
31.3536

■ 206.7850, -3.8380,
17.7286

■ 222.7940, -0.8844,
3.6887

■ 238.9170, 2.5059,
-10.4512

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



129.2060, 4.8284, 84.8883



127.5720, -20.4950, 87.1984



128.4250, -44.5795, 65.4023

Triad

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



127.5720, -20.4950, 87.1984



99.5030, -13.5590, -84.6331



110.3550, 64.9010, -96.7813

Complementary

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



127.5720, -20.4950, 87.1984



184.4280, 20.4950, -87.1984

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.



115.3470, 53.5659, -101.1593



127.5720, -20.4950, 87.1984



107.2240, 9.7496, -94.0354

Square

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



127.5720, -20.4950, 87.1984



120.2850, -49.4405, -9.0199



113.4940, 33.7735, -99.5342



133.7360, 47.4582, -8.5385

Rectangle

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



127.5720, -20.4950, 87.1984



125.8790, -60.0863, 45.7101



113.4940, 33.7735, -99.5342



112.9480, 62.1436, -99.0554

Sweetspot

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



127.5720, -20.4950, 87.1984



221.3520, -7.0755, 29.5093



143.0480, 41.3883, 71.8719



106.9700, -4.4222, 18.4433



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.



127.5720, -20.4950, 87.1984



121.2230, -27.7179, 117.3224



167.9610, -40.8998, 51.7772



106.5880, -1.7689, 7.3773



53.6350, -25.9491, 109.9451



15.2490, -7.5178, 31.3536

Inverse Universe

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



127.5720, -20.4950, 87.1984



121.2230, -27.7179, 117.3224



144.0390, 40.8998, -51.7772



106.5880, -1.7689, 7.3773



53.6350, -25.9491, 109.9451



15.2490, -7.5178, 31.3536

Previews

White Background



This preview shows how the YUV color 127.5720, -20.4950, 87.1984 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 127.5720, -20.4950, 87.1984 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 127.5720, -20.4950, 87.1984 Background



This preview shows how black text looks on a background with the YUV color 127.5720, -20.4950, 87.1984.



This preview shows how white text looks on a background with the YUV color 127.5720, -20.4950,

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

127.5720, -20.4950, 87.1984

Protanopia

132.6130, -13.1202, 8.2324

Deuteranopia

132.5800, -26.4149, 25.8013



Tritanopia

127.4410, -18.4584, 87.3132

Trichromacy



Original Color

127.5720, -20.4950, 87.1984

Protanomaly

131.1050, -15.8278, 36.7419

Deuteranomaly

130.7060, -24.0121, 48.4928

Tritanomaly

127.3270, -18.8952, 87.4132

Monochromacy



Original Color

127.5720, -20.4950, 87.1984

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6620, -7.2284, 31.8684

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5720, -20.4950, 87.1984 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(227, 85, 86)` looks like.

```
.text, #text, p{  
    color:rgb(227, 85, 86)  
}
```

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(227, 85, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 85, 86) }
```

Border

The CSS property to change the border of an element to YUV 127.5720, -20.4950, 87.1984 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(227, 85, 86) }
```


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

```
.border{ border-color:rgb(227, 85, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 85, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 85, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 85, 86);  
box-shadow:4px 4px 4px 4px rgb(227, 85,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 127.5720, -20.4950, 87.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 85, 86) }
```

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

```
.background{ background-color: rgb(227, 85,  
86) }
```

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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