

Converting Colors

YUV(159.0710, -20.7410,
72.7287)

Have a look what the booklet for
YUV(159.0710, -20.7410, 72.7287)
contains.

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Color

**YUV(159.0710, -20.7410,
72.7287)**

Conversions

Conversions Part 1

Format	Color
Hex	F27D75
RGB	242, 125, 117
RGB Percent	95%, 49%, 46%
CMY	0.0510, 0.5098, 0.5412
CMYK	0.00, 0.48, 0.52, 0.05
HSL	4°, 83%, 70%
HSV	4°, 52%, 95%
XYZ	47.1625, 34.8288, 21.0665
YIQ	159.0710, 72.3000, 22.3160

Conversions

Conversions Part 2

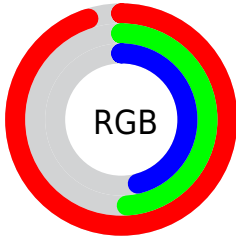
Format	Color
R _Y B	242, 126, 117
Decimal	15891829
CIE Lab	65.62, 44.05, 25.04
CIE LCh	66, 50.673, 29.615
Yxy	34.8288, 0.4576, 0.3380
Android (android.graphics.Color)	4294081909 (0xFFFF27D75)
YUV	159.0710, -20.7410, 72.7287
Hunter-Lab	59.0160, 39.3699, 20.1468

Details

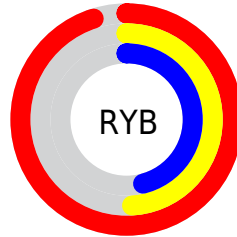
The YUV color **159.0710, -20.7410, 72.7287** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **199.9290, 20.7410, -72.7287**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.1710, -15.8603, 47.2080**, and **104.2490, -17.3778, 67.3106** is the 20% darker color. If you saturate the color by 10%, you get **142.8340, -24.5682, 86.9686**, and if you desaturate by 10%, it is **175.3080, -16.9138, 58.4889**.

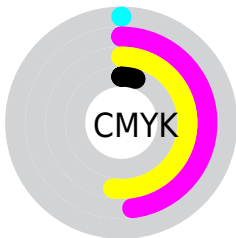
Distribution



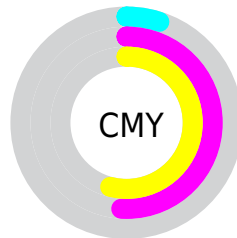
- Red (95%)
- Green (49%)
- Blue (46%)



- Red (95%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0710, -20.7410, 72.7287 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 159.0710, -20.7410, 72.7287 by changing the saturation by 10% instead.

159.0710,
-20.7410, 72.7287

159.0710,
-20.7410, 72.7287

255.0000, 0.0000,
0.0000

131.4020,
-19.4252, 70.6844

201.1710,
-15.8603, 47.2080

104.2490,
-17.3778, 67.3106

220.6850,
-12.1697, 30.0943

77.6940, -15.6251,
65.1664

240.9000, -8.3317,
12.3657

49.0190, -11.8414,
64.8813

254.7720, -0.8736,
0.2000

28.1060, -13.8563,
57.7890

19.7340, -9.7289,
40.5753

11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 159.0710,
-20.7410, 72.7287

■ 159.0710,
-20.7410, 72.7287

■ 142.8340,
-24.5682, 86.9686

■ 175.3080,
-16.9138, 58.4889

■ 127.1840,
-28.6847, 100.6936

■ 190.9580,
-12.7973, 44.7638

■ 110.8330,
-32.9487, 115.0335

■ 207.3090, -8.5333,
30.4240

■ 94.5960, -36.7758,
129.2733

■ 223.5460, -4.7062,
16.1842

■ 81.1630, -40.0134,
141.0540

■ 239.1960, -0.5896,
2.4591

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



160.9670, 0.5093, 70.1889



159.0710, -20.7410, 72.7287



157.7920, -37.8585, 56.3104

Triad

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



159.0710, -20.7410, 72.7287



141.4730, -14.5302, -53.0348



145.1000, 51.7157, -67.6167

Complementary

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



159.0710, -20.7410, 72.7287



199.9290, 20.7410, -72.7287

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.



130.3300, 52.5883, -114.2994



159.0710, -20.7410, 72.7287



124.7320, 15.9081, -109.3900

Square

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



159.0710, -20.7410, 72.7287



150.4280, -36.2000, -9.1454



129.3890, 36.2902, -113.4742



162.2610, 37.8323, -1.1059

Rectangle

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



159.0710, -20.7410, 72.7287



155.7760, -43.7666, 37.9074



129.3890, 36.2902, -113.4742



127.4750, 59.4188, -111.7956

Sweetspot

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



159.0710, -20.7410, 72.7287



229.5360, -6.1802, 22.3319



167.9410, 33.5531, 64.9497



112.4640, -3.6798, 13.6251



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.



159.0710, -20.7410, 72.7287



150.1120, -26.1842, 91.9868



194.8780, -38.3939, 41.3260



112.1750, -2.0583, 6.8625



62.0600, -30.5956, 106.9414



19.0920, -9.4124, 32.3683

Inverse Universe

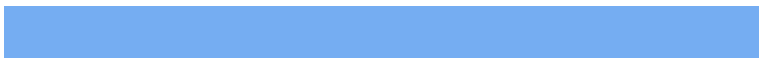
The Inverse Universe completely reimagines the original color for something new.



199.9290, 20.7410, -72.7287



201.8880, 26.1842, -91.9868



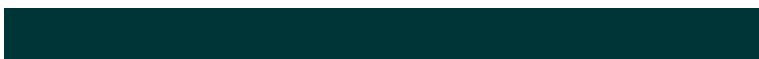
164.1220, 38.3939, -41.3260



115.8250, 2.0583, -6.8625



121.9400, 30.5956, -106.9414



37.4950, 9.1230, -32.8831

Previews

White Background



This preview shows how the YUV color 159.0710, -20.7410, 72.7287 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 159.0710, -20.7410, 72.7287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

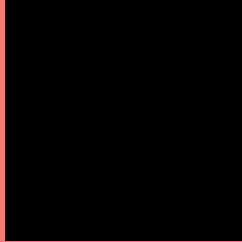
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.0710, -20.7410, 72.7287

Background



This preview shows how black text looks on a background with the YUV color 159.0710, -20.7410, 72.7287.



This preview shows how white text looks on a background with the YUV color 159.0710, -20.7410, 72.7287.

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

159.0710, -20.7410, 72.7287

Protanopia

159.0260, -12.8308, 8.7472

Deuteranopia

159.3890, -23.3628, 26.8458



Tritanopia

159.9060, -13.7577, 72.8734

Trichromacy



Original Color

159.0710, -20.7410, 72.7287

Protanomaly

159.3710, -15.9589, 32.1236

Deuteranomaly

159.4280, -22.3960, 43.4746

Tritanomaly

159.9230, -16.2310, 72.8585

Monochromacy



Original Color

159.0710, -20.7410, 72.7287

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2160, -7.5015, 26.1206

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0710, -20.7410, 72.7287 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(242, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(242, 125, 117)  
}
```

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(242, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 125, 117) }
```

Border

The CSS property to change the border of an element to YUV 159.0710, -20.7410, 72.7287 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(242, 125, 117) }
```


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

```
.border{ border-color:rgb(242, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(242, 125,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 159.0710, -20.7410, 72.7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 125, 117) }
```

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

```
.background{ background-color: rgb(242,  
125, 117) }
```

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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