

Converting Colors

YUV(136.4970, -23.4160,
90.7721)

Have a look what the booklet for
YUV(136.4970, -23.4160, 90.7721)
contains.

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Color

**YUV(136.4970, -23.4160,
90.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	F05D59
RGB	240, 93, 89
RGB Percent	94%, 36%, 35%
CMY	0.0588, 0.6353, 0.6510
CMYK	0.00, 0.61, 0.63, 0.06
HSL	2°, 83%, 65%
HSV	2°, 63%, 94%
XYZ	41.6527, 27.0752, 12.4819
YIQ	136.4970, 88.8960, 29.9200

Conversions

Conversions Part 2

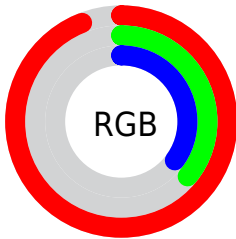
Format	Color
R _Y B	240, 93, 89
Decimal	15752537
CIE Lab	59.04, 56.32, 32.23
CIE LCh	59, 64.890, 29.781
Yxy	27.0752, 0.5129, 0.3334
Android (android.graphics.Color)	4293942617 (0xFFFF05D59)
YUV	136.4970, -23.4160, 90.7721
Hunter-Lab	52.0339, 51.8286, 22.2012

Details

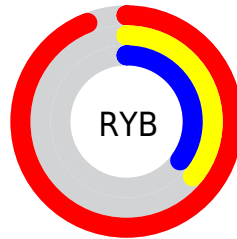
The YUV color **136.4970, -23.4160, 90.7721** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **192.5030, 23.4160, -90.7721**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5540, -19.9931, 66.1661**, and **77.4950, -17.0060, 88.1429** is the 20% darker color. If you saturate the color by 10%, you get **120.2600, -27.2432, 105.0120**, and if you desaturate by 10%, it is **152.7340, -19.5889, 76.5323**.

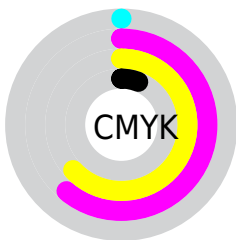
Distribution



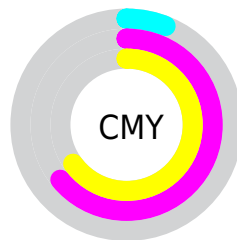
- Red (94%)
- Green (36%)
- Blue (35%)



- Red (94%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (61%)
- Yellow (63%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.4970, -23.4160, 90.7721 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 136.4970, -23.4160, 90.7721 by changing the saturation by 10% instead.

■ 136.4970,
-23.4160, 90.7721

■ 136.4970,
-23.4160, 90.7721

■ 255.0000, 0.0000,
0.0000

■ 108.0560,
-21.2266, 88.5279

■ 179.5540,
-19.9931, 66.1661

■ 77.4950, -17.0060,
88.1429

■ 199.0680,
-16.3025, 49.0524

■ 46.4610, -12.0593,
88.1727

■ 219.1690,
-12.9013, 31.4238

■ 34.9830, -17.2466,
71.9289

■ 239.3840, -9.0633,
13.6952

■ 25.7140, -12.6770,
52.8708

■ 254.3160, -2.6208,
0.5999

■ 17.8690, -7.8234,
36.0719

■ 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 136.4970,
-23.4160, 90.7721

■ 136.4970,
-23.4160, 90.7721

■ 120.2600,
-27.2432, 105.0120

■ 152.7340,
-19.5889, 76.5323

■ 103.4360,
-30.7809, 119.7666

■ 169.5580,
-16.0511, 61.7776

■ 87.1990, -34.6081,
134.0065

■ 185.7950,
-12.2239, 47.5378

■ 75.2820, -37.1140,
144.4577

■ 202.0320, -8.3968,
33.2979

■ 218.8560, -4.8590,
18.5433

■ 235.0930, -1.0318,
4.3034

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



137.8970, 3.5018, 90.4213



136.4970, -23.4160, 90.7721



137.1110, -48.3687, 67.4317

Triad

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



136.4970, -23.4160, 90.7721



105.5020, -12.0795, -92.5253



116.5330, 68.2642, -102.1994

Complementary

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



136.4970, -23.4160, 90.7721



192.5030, 23.4160, -90.7721

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.



122.4540, 57.9502, -107.3922



136.4970, -23.4160, 90.7721



114.5760, 12.5340, -100.4832

Square

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



136.4970, -23.4160, 90.7721



127.9640, -49.2823, -13.1234



121.0740, 37.4315, -106.1819



143.6980, 48.4629, -4.1201

Rectangle

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



136.4970, -23.4160, 90.7721



133.5540, -63.8701, 45.9951



121.0740, 37.4315, -106.1819



119.4680, 66.8173, -104.7734

Sweetspot

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



136.4970, -23.4160, 90.7721



221.9390, -7.3649, 28.9945



151.0210, 42.3876, 78.0346



107.5570, -4.7116, 17.9285



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.



136.4970, -23.4160, 90.7721



121.9410, -30.0439, 116.6927



179.9350, -44.8310, 52.6770



111.5880, -1.7689, 7.3773



57.9510, -28.5698, 110.5450



17.3310, -8.5442, 33.9127

Inverse Universe

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



192.5030, 23.4160, -90.7721



194.0590, 30.0439, -116.6927



149.0650, 44.8310, -52.6770



116.4120, 1.7689, -7.3773



126.0490, 28.5698, -110.5450



38.6690, 8.5442, -33.9127

Previews

White Background



This preview shows how the YUV color 136.4970, -23.4160, 90.7721 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 136.4970, -23.4160, 90.7721 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 136.4970, -23.4160, 90.7721

Background



This preview shows how black text looks on a background with the YUV color 136.4970, -23.4160, 90.7721.



This preview shows how white text looks on a background with the YUV color 136.4970, -23.4160,

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

136.4970, -23.4160, 90.7721

Protanopia

141.2280, -15.8884, 9.4470

Deuteranopia

141.2060, -29.1886, 28.7603



Tritanopia

136.8220, -19.6322, 90.4871

Trichromacy



Original Color

136.4970, -23.4160, 90.7721

Protanomaly

139.4320, -18.4540, 39.0861

Deuteranomaly

139.3320, -26.7857, 51.4518

Tritanomaly

136.4800, -20.9426, 90.7870

Monochromacy



Original Color

136.4970, -23.4160, 90.7721

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0320, -8.3968, 33.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.4970, -23.4160, 90.7721 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(240, 93, 89)` looks like.

```
.text, #text, p{  
    color:rgb(240, 93, 89)  
}
```

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(240, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 93, 89) }
```

Border

The CSS property to change the border of an element to YUV 136.4970, -23.4160, 90.7721 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(240, 93, 89) }
```


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

```
.border{ border-color:rgb(240, 93, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 93, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(240, 93,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 136.4970, -23.4160, 90.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 93, 89) }
```

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

```
.background{ background-color: rgb(240, 93,  
89) }
```

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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