

Converting Colors

YUV(139.7560, -23.0507,
66.8660)

Have a look what the booklet for
YUV(139.7560, -23.0507, 66.8660)
contains.

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Color

**YUV(139.7560, -23.0507,
66.8660)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D86E5D |
| RGB | 216, 110, 93 |
| RGB Percent | 85%, 43%, 36% |
| CMY | 0.1529, 0.5686, 0.6353 |
| CMYK | 0.00, 0.49, 0.57, 0.15 |
| HSL | 8°, 61%, 61% |
| HSV | 8°, 57%, 85% |
| XYZ | 35.8706, 26.5411, 13.5883 |
| YIQ | 139.7560, 68.6330, 17.1850 |

Conversions

Conversions Part 2

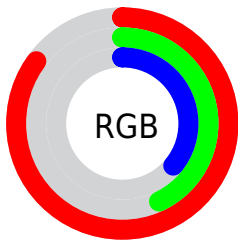
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 216, 113, 93 |
| Decimal | 14184029 |
| CIE Lab | 58.55, 40.01, 28.58 |
| CIE LCh | 59, 49.168, 35.545 |
| Yxy | 26.5411, 0.4720, 0.3492 |
| Android (android.graphics.Color) | 4292374109 (0xFFD86E5D) |
| YUV | 139.7560, -23.0507, 66.8660 |
| Hunter-Lab | 51.5181, 34.1281, 20.4245 |

Details

The YUV color **139.7560, -23.0507, 66.8660** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **169.2440, 23.0507, -66.8660**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.9290, -22.1500, 57.9443**, and **86.6350, -19.5401, 60.8331** is the 20% darker color. If you saturate the color by 10%, you get **126.0950, -27.1618, 78.8467**, and if you desaturate by 10%, it is **153.4170, -18.9396, 54.8853**.

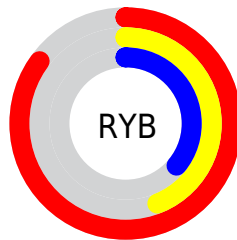
Distribution



Red (85%)

Green (43%)

Blue (36%)



Red (85%)

Yellow (44%)

Blue (36%)

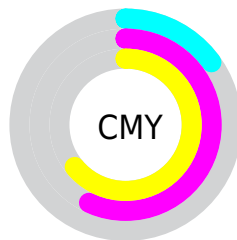


Cyan (0%)

Magenta (49%)

Yellow (57%)

Black (15%)



Cyan (15%)

Magenta (57%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.7560, -23.0507, 66.8660 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 139.7560, -23.0507, 66.8660 by changing the saturation by 10% instead.


 139.7560,
-23.0507, 66.8660

 139.7560,
-23.0507, 66.8660


255.0000, 0.0000,
0.0000


 112.7880,
-21.5875, 64.2069


 188.9290,
-22.1500, 57.9443


 86.6350, -19.5401,
60.8331


 207.7420,
-18.6068, 41.4453

 60.1940, -17.3506,
58.5889


 227.8430,
-15.2056, 23.8167

 29.6010, -14.5933,
60.8629

 248.1720,
-10.9308, 5.9882

 20.9300, -10.3185,
43.0344

254.8860, -0.4368,
0.1000

 13.6830, -5.7597,
27.4650

 0.0000, 0.0000,

0.0000

■ 139.7560,
-23.0507, 66.8660

■ 139.7560,
-23.0507, 66.8660

■ 126.0950,
-27.1618, 78.8467

■ 153.4170,
-18.9396, 54.8853

■ 113.1350,
-31.1256, 90.2126

■ 166.3770,
-14.9759, 43.5194

■ 99.4740, -35.2367,
102.1933

■ 180.0380,
-10.8647, 31.5387

■ 86.5140, -39.2004,
113.5592

■ 192.9980, -6.9010,
20.1728

■ 82.1940, -40.5216,
117.3479

■ 206.6590, -2.7899,
8.1921

■ 220.3200, 1.3212,
-3.7886

■ 233.2800, 5.2850,
-15.1546

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



141.5170, -3.7059, 68.8296



139.7560, -23.0507, 66.8660



138.6230, -38.2681, 47.6886

Triad

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



139.7560, -23.0507, 66.8660



119.4160, -8.0931, -64.3858



131.6460, 47.0095, -51.4325

Complementary

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



139.7560, -23.0507, 66.8660



169.2440, 23.0507, -66.8660

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.



115.9510, 50.8032, -101.6890



139.7560, -23.0507, 66.8660



111.9660, 17.7648, -98.1942

Square

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



139.7560, -23.0507, 66.8660



130.9370, -31.5209, -16.6077



116.1670, 36.3997, -101.8785



144.0620, 33.0004, 8.7156

Rectangle

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



139.7560, -23.0507, 66.8660



136.7750, -42.2871, 30.0153



116.1670, 36.3997, -101.8785



113.0640, 56.1704, -96.5261

Sweetspot

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



139.7560, -23.0507, 66.8660



228.3790, -8.0748, 23.3466



141.9750, 28.6063, 64.9199



112.1220, -4.9901, 13.9250



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.



139.7560, -23.0507, 66.8660



147.8150, -32.4468, 94.0012



175.5630, -40.7036, 35.4632



100.4630, -2.2003, 5.7329



65.2170, -32.1520, 92.7717



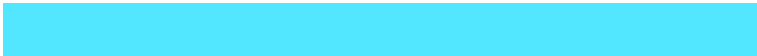
16.3790, -8.0748, 23.3466

Inverse Universe

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



169.2440, 23.0507, -66.8660



189.1850, 32.4468, -94.0012



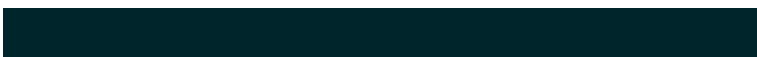
133.4370, 40.7036, -35.4632



103.1240, 1.9109, -6.2477



105.7830, 32.1520, -92.7717



26.6210, 8.0748, -23.3466

Previews

White Background



This preview shows how the YUV color 139.7560, -23.0507, 66.8660 looks on a white background.

Color Contrast Check

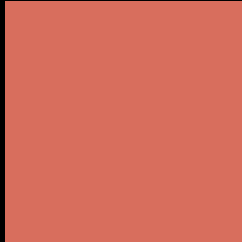
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7560, -23.0507, 66.8660 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 139.7560, -23.0507, 66.8660

Background



This preview shows how black text looks on a background with the YUV color 139.7560, -23.0507, 66.8660.



This preview shows how white text looks on a background with the YUV color 139.7560, -23.0507,

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

139.7560, -23.0507, 66.8660

Protanopia

140.0000, -16.7620, 9.6470

Deuteranopia

140.4060, -25.8362, 26.8309



Tritanopia

140.6880, -13.1572, 66.9256

Trichromacy



Original Color

139.7560, -23.0507, 66.8660

Protanomaly

140.1490, -19.3005, 30.5643

Deuteranomaly

140.1350, -24.7166, 41.1006

Tritanomaly

140.3630, -16.9410, 67.2106

Monochromacy



Original Color

139.7560, -23.0507, 66.8660

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9770, -8.3697, 24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.7560, -23.0507, 66.8660 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(216, 110, 93)` looks like.

```
.text, #text, p{  
    color:rgb(216, 110, 93)  
}
```

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(216, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 110, 93) }
```

Border

The CSS property to change the border of an element to YUV 139.7560, -23.0507, 66.8660 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(216, 110, 93) }
```


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

```
.border{ border-color:rgb(216, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(216, 110,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 139.7560, -23.0507, 66.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 110, 93) }
```

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

```
.background{ background-color: rgb(216,  
110, 93) }
```

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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