

Converting Colors

YUV(86.9220, 11.3775,
-56.0596)

Have a look what the booklet for
YUV(86.9220, 11.3775, -56.0596)
contains.

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Color

**YUV(86.9220, 11.3775,
-56.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	17736E
RGB	23, 115, 110
RGB Percent	9%, 45%, 43%
CMY	0.9098, 0.5490, 0.5686
CMYK	0.80, 0.00, 0.04, 0.55
HSL	177°, 67%, 27%
HSV	177°, 80%, 45%
XYZ	9.2986, 13.5694, 16.8809
YIQ	86.9220, -53.2270, -21.0590

Conversions

Conversions Part 2

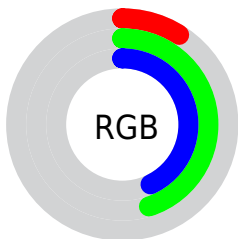
Format	Color
R_{YB}	23, 70, 115
Decimal	1536878
CIE _{Lab}	43.61, -26.55, -4.67
CIE _{LCh}	44, 26.953, 189.974
Yxy	13.5694, 0.2339, 0.3414
Android (android.graphics.Color)	4279726958 (0xFF17736E)
YUV	86.9220, 11.3775, -56.0596
Hunter-Lab	36.8367, -19.4061, -1.3848

Details

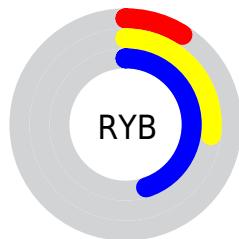
The YUV color **86.9220, 11.3775, -56.0596** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.0780, -11.3775, 56.0596**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7980, 9.4666, -49.8118**, and **45.9240, 8.4185, -40.2753** is the 20% darker color. If you saturate the color by 10%, you get **83.2200, 12.7095, -63.3369**, and if you desaturate by 10%, it is **90.6240, 10.0454, -48.7822**.

Distribution



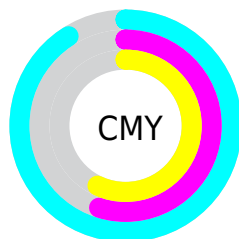
- Red (9%)
- Green (45%)
- Blue (43%)



- Red (9%)
- Yellow (27%)
- Blue (45%)



- Cyan (80%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)



- Cyan (91%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9220, 11.3775, -56.0596 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 86.9220, 11.3775, -56.0596 by changing the saturation by 10% instead.

86.9220, 11.3775,
-56.0596

86.9220, 11.3775,
-56.0596

255.0000, 0.0000,
0.0000

62.6340, 11.5194,
-54.9300

141.7980, 9.4666,
-49.8118

45.9240, 8.4185,
-40.2753

169.6840, 9.0298,
-49.7119

29.9150, 5.4649,
-26.2355

197.6840, 9.0298,
-49.7119

15.1940, 2.3694,
-13.3251

226.3850, 9.1772,
-50.3266

0.0000, 0.0000,
0.0000

237.6580, 8.5496,
-35.6571

246.3290, 4.2748,

-17.8285

■ 86.9220, 11.3775,
-56.0596

■ 86.9220, 11.3775,
-56.0596

■ 83.2200, 12.7095,
-63.3369

■ 90.6240, 10.0454,
-48.7822

■ 79.9310, 14.3310,
-70.0995

■ 93.9130, 8.4239,
-42.0197

■ 97.6150, 7.0918,
-34.7424

■ 100.9040, 5.4703,
-27.9798

■ 104.6060, 4.1382,
-20.7025

■ 108.0090, 2.9536,
-14.0399

■ 111.5970, 1.1847,
-6.6626

■ 115.0000, 0.0000,
0.0000

■ 118.7020, -1.3321,
7.2773

Harmonies

Analogous

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



94.1780, -3.5388, -31.7281



86.9220, 11.3775, -56.0596



81.8520, 24.2300, -71.7842

Triad

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



86.9220, 11.3775, -56.0596



105.7680, 15.3974, 8.0965



102.1760, -20.2998, 24.4016

Complementary

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



86.9220, 11.3775, -56.0596



51.0780, -11.3775, 56.0596

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.



103.5500, -14.0751, 34.5977



86.9220, 11.3775, -56.0596



106.1850, 6.3178, 27.0248

Square

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



86.9220, 11.3775, -56.0596



102.0360, 22.1673, -16.6946



105.0800, -4.4764, 35.8868



100.5500, -20.9771, 8.2877

Rectangle

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



86.9220, 11.3775, -56.0596



89.3040, 25.4861, -54.6406



105.0800, -4.4764, 35.8868



103.2520, -18.8582, 28.7200

Sweetspot

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



86.9220, 11.3775, -56.0596



139.0080, 4.4331, -21.9320



78.7980, -27.5084, -43.6728



69.8950, 2.5168, -13.9399



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9220, 11.3775, -56.0596



106.1460, 18.1690, -87.8280



64.0120, 25.1371, -35.9675



57.0920, 0.4476, -3.5887



84.8380, 15.3629, -74.4029



173.6540, 30.7366, -152.2946

Inverse Universe

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



51.0780, -11.3775, 56.0596



49.9680, -17.7322, 87.7281



73.9880, -25.1371, 35.9675



54.7940, -0.8844, 3.6887



37.2760, -14.9261, 74.3029



76.3460, -30.7366, 152.2946

Previews

White Background



This preview shows how the YUV color 86.9220, 11.3775, -56.0596 looks on a white 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

Black Background



This preview shows how the YUV color 86.9220, 11.3775, -56.0596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

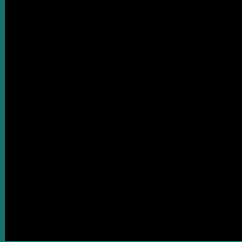
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9220, 11.3775, -56.0596

Background



This preview shows how black text looks on a background with the YUV color 86.9220, 11.3775, -56.0596.



This preview shows how white text looks on a background with the YUV color 86.9220, 11.3775,

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

86.9220, 11.3775, -56.0596

Protanopia

102.5980, -0.2948, 1.2296

Deuteranopia

103.8740, 4.4991, 3.6185



Tritanopia

90.1060, 15.7237, -50.0820

Trichromacy



Original Color

86.9220, 11.3775, -56.0596

Protanomaly

97.2040, 3.8434, -19.4729

Deuteranomaly

97.4260, 7.1850, -17.9136

Tritanomaly

89.0410, 14.2768, -52.6560

Monochromacy



Original Color

86.9220, 11.3775, -56.0596

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9050, 3.9908, -20.0877

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9220, 11.3775, -56.0596 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(23, 115, 110)` looks like.

```
.text, #text, p{  
    color:rgb(23, 115, 110)  
}
```

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(23, 115, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 115, 110) }
```

Border

The CSS property to change the border of an element to YUV 86.9220, 11.3775, -56.0596 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(23, 115, 110) }
```


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

```
.border{ border-color:rgb(23, 115, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 115, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 115, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 115, 110);  
box-shadow:4px 4px 4px 4px rgb(23, 115,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 86.9220, 11.3775, -56.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 115, 110) }
```

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

```
.background{ background-color: rgb(23, 115,  
110) }
```

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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