

Converting Colors

YUV(87.4190, 20.9924,
-60.0035)

Have a look what the booklet for
YUV(87.4190, 20.9924, -60.0035)
contains.

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Color

**YUV(87.4190, 20.9924,
-60.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	137282
RGB	19, 114, 130
RGB Percent	7%, 45%, 51%
CMY	0.9255, 0.5529, 0.4902
CMYK	0.85, 0.12, 0.00, 0.49
HSL	189°, 74%, 29%
HSV	189°, 85%, 51%
XYZ	10.3151, 13.7848, 23.2362
YIQ	87.4190, -61.7560, -15.1640

Conversions

Conversions Part 2

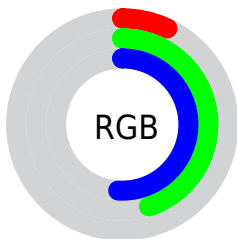
Format	Color
R_{YB}	19, 70, 130
Decimal	1274498
CIE _{Lab}	43.92, -19.79, -16.20
CIE _{LCh}	44, 25.577, 219.307
Yxy	13.7848, 0.2179, 0.2912
Android (android.graphics.Color)	4279464578 (0xFF137282)
YUV	87.4190, 20.9924, -60.0035
Hunter-Lab	37.1279, -15.3816, -11.1166

Details

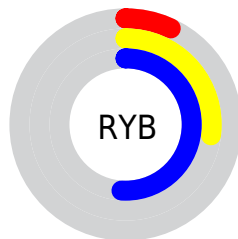
The YUV color **87.4190, 20.9924, -60.0035** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **61.5810, -20.9924, 60.0035**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0180, 19.2181, -50.8818**, and **47.9760, 16.2808, -42.0750** is the 20% darker color. If you saturate the color by 10%, you get **82.3580, 23.4875, -66.9660**, and if you desaturate by 10%, it is **92.4800, 18.4974, -53.0410**.

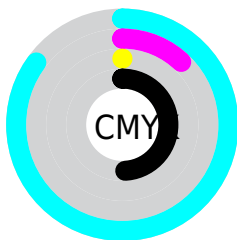
Distribution



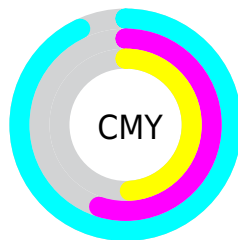
- Red (7%)
- Green (45%)
- Blue (51%)



- Red (7%)
- Yellow (27%)
- Blue (51%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)



- Cyan (93%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4190, 20.9924, -60.0035 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 87.4190, 20.9924, -60.0035 by changing the saturation by 10% instead.

87.4190, 20.9924,
-60.0035

87.4190, 20.9924,
-60.0035

255.0000, 0.0000,
0.0000

64.2130, 20.1080,
-56.3148

144.0180, 19.2181,
-50.8818

47.9760, 16.2808,
-42.0750

171.4310, 19.5075,
-50.3670

31.8530, 12.8905,
-27.9351

199.7300, 19.3601,
-49.7522

18.1920, 8.7793,
-15.9544

226.9490, 13.8291,
-49.0673

2.1830, 5.8258,
-1.9145

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.2260, 3.8326,

-15.9842

■ 87.4190, 20.9924,
-60.0035

■ 87.4190, 20.9924,
-60.0035

■ 82.3580, 23.4875,
-66.9660

■ 92.4800, 18.4974,
-53.0410

■ 79.9770, 24.6613,
-70.1398

■ 97.5410, 16.0023,
-46.0785

■ 102.6020, 13.5072,
-39.1160

■ 107.0760, 11.3015,
-31.6387

■ 112.1370, 8.8065,
-24.6761

■ 117.1980, 6.3114,
-17.7136

■ 122.2590, 3.8163,
-10.7511

■ 127.3200, 1.3212,
-3.7886

■ 132.3810, -1.1738,
3.1739

Harmonies

Analogous

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



90.2110, 9.7560, -49.2970



87.4190, 20.9924, -60.0035



95.2240, 23.5536, -41.4154

Triad

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



87.4190, 20.9924, -60.0035



106.4730, 6.1758, 25.8952



101.7780, -20.1036, 8.0877

Complementary

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



87.4190, 20.9924, -60.0035



61.5810, -20.9924, 60.0035

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.



103.1050, -19.2788, 23.5869



87.4190, 20.9924, -60.0035



105.5960, -3.7448, 34.5573

Square

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



87.4190, 20.9924, -60.0035



106.3550, 15.1080, 7.5817



105.0660, -13.3435, 33.2681



98.8620, -14.2290, -9.5260

Rectangle

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



87.4190, 20.9924, -60.0035



100.6930, 22.3364, -24.2868



105.0660, -13.3435, 33.2681



102.1100, -20.2672, 13.9355

Sweetspot

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



87.4190, 20.9924, -60.0035



151.6210, 8.0748, -23.3466



85.8670, -25.5704, -58.6424



73.8780, 4.9901, -13.9250



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



87.4190, 20.9924, -60.0035



103.6800, 31.7098, -90.9274



55.7210, 36.6195, -32.2043



61.3200, 1.3212, -3.7886



78.5750, 24.3665, -68.9103



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.0190, 25.1336, 58.7423



66.6480, 38.1345, 88.8857



93.2790, -36.6195, 32.2043



59.7770, 1.5889, 3.7036



50.6980, 28.7429, 67.7939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.4190, 20.9924, -60.0035 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 87.4190, 20.9924, -60.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

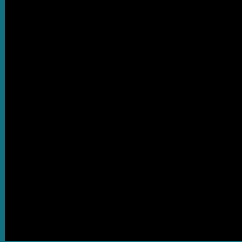
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4190, 20.9924, -60.0035

Background



This preview shows how black text looks on a background with the YUV color 87.4190, 20.9924, -60.0035.



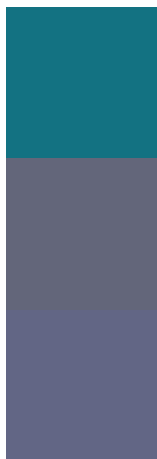
This preview shows how white text looks on a background with the YUV color 87.4190, 20.9924,

-60.0035.

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

87.4190, 20.9924, -60.0035

Protanopia

103.3830, 9.1782, -3.8439

Deuteranopia

104.3380, 14.1304, -5.5584



Tritanopia

83.1360, 20.1460, -68.5253

Trichromacy



Original Color

87.4190, 20.9924, -60.0035

Protanomaly

97.4020, 13.6058, -24.0316

Deuteranomaly

97.9010, 16.8108, -25.3462

Tritanomaly

84.8590, 20.2825, -65.6513

Monochromacy



Original Color

87.4190, 20.9924, -60.0035

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4190, 20.9924, -60.0035 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(19, 114, 130)` looks like.

```
.text, #text, p{  
    color:rgb(19, 114, 130)  
}
```

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(19, 114, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 114, 130) }
```

Border

The CSS property to change the border of an element to YUV 87.4190, 20.9924, -60.0035 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(19, 114, 130) }
```


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

```
.border{ border-color:rgb(19, 114, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 114, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 114, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 114, 130);  
box-shadow:4px 4px 4px 4px rgb(19, 114,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 87.4190, 20.9924, -60.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 114, 130) }
```

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

```
.background{ background-color: rgb(19, 114,  
130) }
```

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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