

Converting Colors

YUV(85.0960, 31.0117,
-53.5812)

Have a look what the booklet for
YUV(85.0960, 31.0117, -53.5812)
contains.

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Color

**YUV(85.0960, 31.0117,
-53.5812)**

Conversions

Conversions Part 1

Format	Color
Hex	186894
RGB	24, 104, 148
RGB Percent	9%, 41%, 58%
CMY	0.9059, 0.5922, 0.4196
CMYK	0.84, 0.30, 0.00, 0.42
HSL	201°, 72%, 34%
HSV	201°, 84%, 58%
XYZ	10.6723, 12.2329, 29.8157
YIQ	85.0960, -61.8040, -3.2760

Conversions

Conversions Part 2

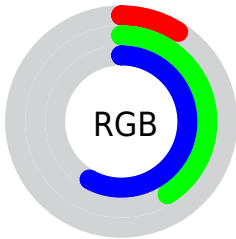
Format	Color
R_{YB}	24, 73, 148
Decimal	1599636
CIE _{Lab}	41.58, -6.99, -30.59
CIE _{LCh}	42, 31.380, 257.132
Yxy	12.2329, 0.2024, 0.2320
Android (android.graphics.Color)	4279789716 (0xFF186894)
YUV	85.0960, 31.0117, -53.5812
Hunter-Lab	34.9756, -6.7407, -26.0600

Details

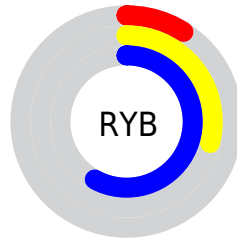
The YUV color **85.0960, 31.0117, -53.5812** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **86.9040, -31.0117, 53.5812**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2220, 29.9636, -44.0447**, and **44.5170, 25.8741, -39.0414** is the 20% darker color. If you saturate the color by 10%, you get **77.6760, 34.6697, -60.2289**, and if you desaturate by 10%, it is **92.5160, 27.3536, -46.9335**.

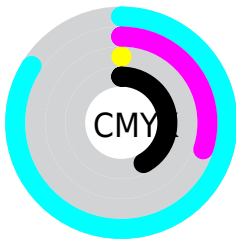
Distribution



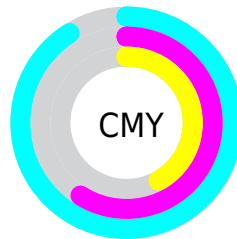
- Red (9%)
- Green (41%)
- Blue (58%)



- Red (9%)
- Yellow (29%)
- Blue (58%)



- Cyan (84%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (59%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0960, 31.0117, -53.5812 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 85.0960, 31.0117, -53.5812 by changing the saturation by 10% instead.

85.0960, 31.0117,
-53.5812

85.0960, 31.0117,
-53.5812

255.0000, 0.0000,
0.0000

60.8680, 30.1381,
-53.3812

141.2220, 29.9636,
-44.0447

44.5170, 25.8741,
-39.0414

168.7490, 30.6897,
-43.6299

29.4540, 21.4682,
-25.8312

196.0050, 29.0845,
-42.1004

13.9180, 17.7884,
-12.2061

221.4000, 16.5648,
-39.8158

4.4800, 12.0884,
-3.9290

240.3490, 7.2229,
-30.1241

0.0000, 0.0000,
0.0000

249.0200, 2.9481,

-12.2955

■ 85.0960, 31.0117,
-53.5812

■ 85.0960, 31.0117,
-53.5812

■ 77.6760, 34.6697,
-60.2289

■ 92.5160, 27.3536,
-46.9335

■ 72.6370, 37.1540,
-63.7026

■ 100.5230, 23.4062,
-40.8007

■ 107.6440, 19.8955,
-34.7678

■ 115.0640, 16.2374,
-28.1201

■ 122.4840, 12.5794,
-21.4725

■ 130.4910, 8.6319,
-15.3396

■ 137.9110, 4.9739,
-8.6919

■ 145.0320, 1.4632,
-2.6591

■ 152.4520, -2.1948,
3.9886

Harmonies

Analogous

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



79.3730, 27.4241, -69.6101



85.0960, 31.0117, -53.5812



97.9270, 24.1930, -13.0910

Triad

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



85.0960, 31.0117, -53.5812



98.7280, -7.2609, 42.3345



90.8070, -14.2019, -18.2477

Complementary

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



85.0960, 31.0117, -53.5812



86.9040, -31.0117, 53.5812

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.



94.2460, -23.2923, 4.1693



85.0960, 31.0117, -53.5812



98.4210, -18.4486, 37.3418

Square

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



85.0960, 31.0117, -53.5812



100.4850, 4.6909, 35.5317



96.7260, -24.5149, 23.0423



83.6320, 1.1674, -47.9123

Rectangle

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



85.0960, 31.0117, -53.5812



100.3810, 19.0392, 6.6819



96.7260, -24.5149, 23.0423



92.5260, -18.0073, -10.9853

Sweetspot

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



85.0960, 31.0117, -53.5812



166.6690, 11.9952, -20.7577



101.6900, -17.1022, -68.1341



82.4590, 7.1687, -12.6805



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



85.0960, 31.0117, -53.5812



93.9750, 47.8333, -82.4161



49.2890, 48.6645, -22.1785



70.1460, 1.9000, -2.7590



67.9750, 34.5223, -59.6141



5.2490, 2.3422, -4.6034

Inverse Universe

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



70.1960, 16.6654, 68.2341



71.1310, 25.5714, 105.1251



122.7110, -48.6645, 22.1785



69.5490, 0.7153, 3.9035



51.4080, 18.5329, 75.9412



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 85.0960, 31.0117, -53.5812 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 85.0960, 31.0117, -53.5812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

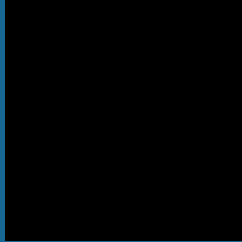
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0960, 31.0117, -53.5812

Background



This preview shows how black text looks on a background with the YUV color 85.0960, 31.0117, -53.5812.

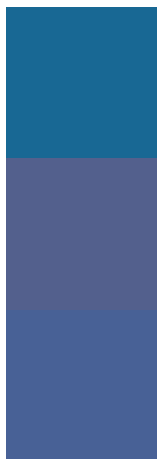


This preview shows how white text looks on a background with the YUV color 85.0960, 31.0117,

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

85.0960, 31.0117, -53.5812

Protanopia

97.2430, 21.5722, -12.4911

Deuteranopia

95.5670, 26.8355, -20.6683



Tritanopia

77.3210, 19.5617, -67.8105

Trichromacy



Original Color

85.0960, 31.0117, -53.5812

Protanomaly

93.0670, 25.1100, -27.2458

Deuteranomaly

92.1310, 28.0364, -32.5639

Tritanomaly

80.0920, 23.6186, -62.3477

Monochromacy



Original Color

85.0960, 31.0117, -53.5812

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1530, 11.2636, -19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0960, 31.0117, -53.5812 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(24, 104, 148)` looks like.

```
.text, #text, p{  
    color:rgb(24, 104, 148)  
}
```

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(24, 104, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 104, 148) }
```

Border

The CSS property to change the border of an element to YUV 85.0960, 31.0117, -53.5812 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(24, 104, 148) }
```


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

```
.border{ border-color:rgb(24, 104, 148) }
```

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

Here you see how a box with a 4 pixel rgb(24, 104, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 104, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 104, 148);  
box-shadow:4px 4px 4px 4px rgb(24, 104,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 85.0960, 31.0117, -53.5812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 104, 148) }
```

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

```
.background{ background-color: rgb(24, 104,  
148) }
```

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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