

Converting Colors

YUV(95.1160, 17.1978,
-56.2297)

Have a look what the booklet for
YUV(95.1160, 17.1978, -56.2297)
contains.

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Color

**YUV(95.1160, 17.1978,
-56.2297)**

Conversions

Conversions Part 1

Format	Color
Hex	1F7982
RGB	31, 121, 130
RGB Percent	12%, 47%, 51%
CMY	0.8784, 0.5255, 0.4902
CMYK	0.76, 0.07, 0.00, 0.49
HSL	185°, 61%, 32%
HSV	185°, 76%, 51%
XYZ	11.4317, 15.5778, 23.5234
YIQ	95.1160, -56.5290, -16.2810

Conversions

Conversions Part 2

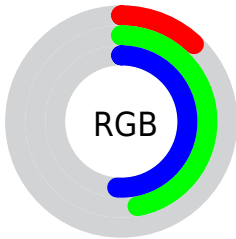
Format	Color
RYB	31, 78, 130
Decimal	2062722
CIELab	46.42, -22.22, -12.39
CIElCh	46, 25.446, 209.150
Yxy	15.5778, 0.2262, 0.3083
Android (android.graphics.Color)	4280252802 (0xFF1F7982)
YUV	95.1160, 17.1978, -56.2297
Hunter-Lab	39.4687, -17.3694, -7.7089

Details

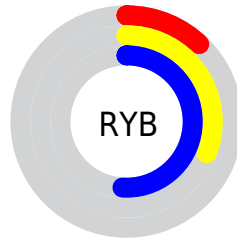
The YUV color **95.1160, 17.1978, -56.2297** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **65.8840, -17.1978, 56.2297**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8070, 15.8711, -50.6967**, and **51.4980, 14.5445, -45.1637** is the 20% darker color. If you saturate the color by 10%, you get **90.6420, 19.4035, -63.7070**, and if you desaturate by 10%, it is **99.5900, 14.9921, -48.7524**.

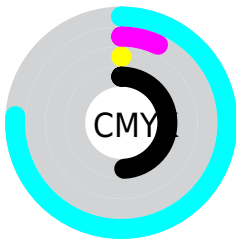
Distribution



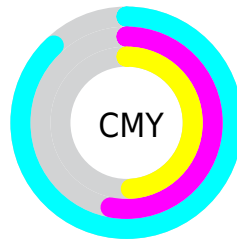
- Red (12%)
- Green (47%)
- Blue (51%)



- Red (12%)
- Yellow (31%)
- Blue (51%)



- Cyan (76%)
- Magenta (7%)
- Yellow (0%)
- Black (49%)



- Cyan (88%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1160, 17.1978, -56.2297 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 95.1160, 17.1978, -56.2297 by changing the saturation by 10% instead.

■ 95.1160, 17.1978,
-56.2297

■ 95.1160, 17.1978,
-56.2297

■ 255.0000, 0.0000,
0.0000

■ 68.3220, 18.0823,
-59.9184

■ 150.8070, 15.8711,
-50.6967

■ 51.4980, 14.5445,
-45.1637

■ 178.2200, 16.1605,
-50.1819

■ 35.3750, 11.1541,
-31.0239

■ 206.2200, 16.1605,
-50.1819

■ 21.7140, 7.0430,
-19.0432

■ 231.6780, 11.4977,
-47.9526

■ 2.2970, 6.2626,
-2.0145

■ 240.3490, 7.2229,
-30.1241

■ 0.0000, 0.0000,
0.0000

■ 249.0200, 2.9481,

-12.2955

■ 95.1160, 17.1978,
-56.2297

■ 95.1160, 17.1978,
-56.2297

■ 90.6420, 19.4035,
-63.7070

■ 99.5900, 14.9921,
-48.7524

■ 86.1680, 21.6092,
-71.1843

■ 104.0640, 12.7864,
-41.2751

■ 84.0860, 22.6356,
-73.7434

■ 109.1250, 10.2914,
-34.3126

■ 113.5990, 8.0857,
-26.8353

■ 118.0730, 5.8800,
-19.3580

■ 122.5470, 3.6743,
-11.8807

■ 127.0210, 1.4686,
-4.4034

■ 131.4950, -0.7370,
3.0739

■ 136.5560, -3.2321,
10.0364

Harmonies

Analogous

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



98.7020, 5.0769, -41.8347



95.1160, 17.1978, -56.2297



99.3650, 22.9911, -47.6781

Triad

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



95.1160, 17.1978, -56.2297



112.6510, 9.5391, 20.4771



108.4090, -20.4146, 14.5503

Complementary

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



95.1160, 17.1978, -56.2297



65.8840, -17.1978, 56.2297

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.



110.1810, -17.8372, 27.9053



95.1160, 17.1978, -56.2297



112.6820, -0.8292, 32.7279

Square

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



95.1160, 17.1978, -56.2297



111.8810, 17.3137, 0.1044



111.1740, -10.4388, 34.9274



106.5100, -17.0134, -3.0783

Rectangle

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



95.1160, 17.1978, -56.2297



104.1650, 23.0897, -32.5937



111.1740, -10.4388, 34.9274



109.1430, -20.2835, 19.1686

Sweetspot

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



95.1160, 17.1978, -56.2297



154.8770, 6.4696, -21.8171



90.0250, -25.1553, -51.7649



75.9490, 3.9691, -13.1103



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.



95.1160, 17.1978, -56.2297



114.0350, 26.6047, -86.8537



66.3530, 31.3780, -31.0046



61.3200, 1.3212, -3.7886



82.6840, 22.3408, -72.5139



0.0000, 0.0000, 0.0000

Inverse Universe

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



70.8610, 24.7185, 51.8649



76.5930, 38.1617, 80.1639



94.6470, -31.3780, 31.0046



59.7770, 1.5889, 3.7036



51.4960, 31.8005, 67.0940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.1160, 17.1978, -56.2297 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 95.1160, 17.1978, -56.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

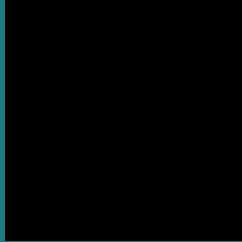
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1160, 17.1978, -56.2297

Background



This preview shows how black text looks on a background with the YUV color 95.1160, 17.1978, -56.2297.



This preview shows how white text looks on a background with the YUV color 95.1160, 17.1978,

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

95.1160, 17.1978, -56.2297

Protanopia

110.1830, 5.8258, -1.9145

Deuteranopia

110.2630, 11.2093, -1.9847



Tritanopia

95.5290, 17.4872, -55.7149

Trichromacy



Original Color

95.1160, 17.1978, -56.2297

Protanomaly

104.5010, 10.1060, -21.4874

Deuteranomaly

104.7120, 13.4530, -21.6724

Tritanomaly

95.5290, 17.4872, -55.7149

Monochromacy



Original Color

95.1160, 17.1978, -56.2297

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8880, 6.4642, -20.0728

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1160, 17.1978, -56.2297 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(31, 121, 130)` looks like.

```
.text, #text, p{  
    color:rgb(31, 121, 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(31, 121, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 121, 130) }
```

Border

The CSS property to change the border of an element to YUV 95.1160, 17.1978, -56.2297 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(31, 121, 130) }
```


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

```
.border{ border-color:rgb(31, 121, 130) }
```

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

Here you see how a box with a 4 pixel rgb(31, 121, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 121, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 121, 130);  
box-shadow:4px 4px 4px 4px rgb(31, 121,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 95.1160, 17.1978, -56.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 121, 130) }
```

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

```
.background{ background-color: rgb(31, 121,  
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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