

Converting Colors

YUV(113.1020, 4.8797,
-72.0035)

Have a look what the booklet for
YUV(113.1020, 4.8797, -72.0035)
contains.

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Color

**YUV(113.1020, 4.8797,
-72.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	1F997B
RGB	31, 153, 123
RGB Percent	12%, 60%, 48%
CMY	0.8784, 0.4000, 0.5176
CMYK	0.80, 0.00, 0.20, 0.40
HSL	165°, 66%, 36%
HSV	165°, 80%, 60%
XYZ	15.5315, 24.5038, 22.6500
YIQ	113.1020, -63.0820, -35.1940

Conversions

Conversions Part 2

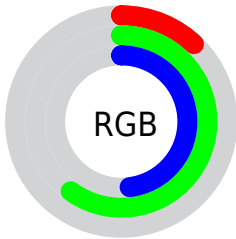
Format	Color
R_{YB}	31, 101, 153
Decimal	2070907
CIE _{Lab}	56.59, -39.53, 6.65
CIE _{LCh}	57, 40.082, 170.451
Yxy	24.5038, 0.2478, 0.3909
Android (android.graphics.Color)	4280260987 (0xFF1F997B)
YUV	113.1020, 4.8797, -72.0035
Hunter-Lab	49.5013, -30.6215, 7.5220

Details

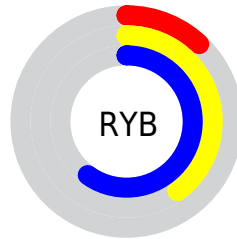
The YUV color **113.1020, 4.8797, -72.0035** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **70.8980, -4.8797, 72.0035**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0490, 1.9478, -64.9410**, and **67.7230, 3.0946, -59.3931** is the 20% darker color. If you saturate the color by 10%, you get **108.1610, 5.3436, -80.8252**, and if you desaturate by 10%, it is **118.0430, 4.4158, -63.1817**.

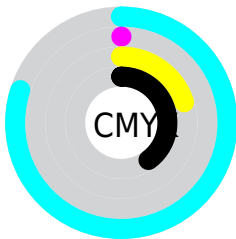
Distribution



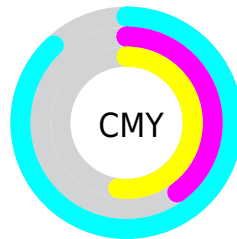
- Red (12%)
- Green (60%)
- Blue (48%)



- Red (12%)
- Yellow (40%)
- Blue (60%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1020, 4.8797, -72.0035 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 113.1020, 4.8797, -72.0035 by changing the saturation by 10% instead.

■ 113.1020, 4.8797,
-72.0035

■ 113.1020, 4.8797,
-72.0035

■ 255.0000, 0.0000,
0.0000

■ 85.7210, 6.0535,
-75.1773

■ 171.0490, 1.9478,
-64.9410

■ 67.7230, 3.0946,
-59.3931

■ 200.2340, 1.3636,
-64.2262

■ 50.5400, 0.7198,
-44.3236

■ 222.3640, 4.2575,
-59.0782

■ 34.0580, -1.5076,
-29.8689

■ 234.0700, 10.3185,
-43.0344

■ 18.9950, -5.9135,
-16.6586

■ 242.7410, 6.0437,
-25.2059

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 113.1020, 4.8797,
-72.0035

■ 113.1020, 4.8797,
-72.0035

■ 108.1610, 5.3436,
-80.8252

■ 118.0430, 4.4158,
-63.1817

■ 102.9210, 5.9549,
-90.2617

■ 123.2830, 3.8045,
-53.7452

■ 128.1100, 2.9038,
-44.8235

■ 133.0510, 2.4399,
-36.0017

■ 137.9920, 1.9759,
-27.1800

■ 143.2320, 1.3646,
-17.7435

■ 148.0590, 0.4639,
-8.8217

■ 153.0000, 0.0000,
0.0000

■ 158.2400, -0.6113,
9.4365

Harmonies

Analogous

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



125.5300, -17.5163, -28.5288



113.1020, 4.8797, -72.0035



108.5240, 24.8847, -95.1755

Triad

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



113.1020, 4.8797, -72.0035



135.9900, 32.0499, -13.1462



135.2500, -25.7592, 48.8927

Complementary

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



113.1020, 4.8797, -72.0035



70.8980, -4.8797, 72.0035

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.



136.6760, -11.6723, 57.2891



113.1020, 4.8797, -72.0035



140.1320, 20.1479, 24.4402

Square

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



113.1020, 4.8797, -72.0035



121.2500, 40.7958, -65.1172



138.5730, 4.6475, 49.4865



133.7670, -33.4091, 29.1453

Rectangle

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



113.1020, 4.8797, -72.0035



109.7440, 34.6362, -96.2455



138.5730, 4.6475, 49.4865



136.0100, -21.6969, 52.6112

Sweetspot

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



113.1020, 4.8797, -72.0035



183.2800, 1.8340, -28.3096



111.5840, -39.7279, -44.3622



89.8300, 1.0698, -16.5139



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



113.1020, 4.8797, -72.0035



136.5330, 7.6252, -112.7234



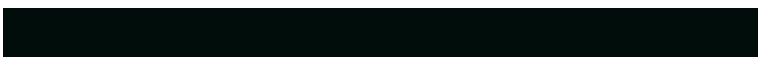
98.9120, 26.6654, -59.5588



74.3800, 0.3057, -4.7183



94.2640, 5.7858, -82.6695



8.7710, 0.6059, -7.6922

Inverse Universe

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



70.8980, -4.8797, 72.0035



70.4670, -7.6252, 112.7234



85.0880, -26.6654, 59.5588



71.6200, -0.3057, 4.7183



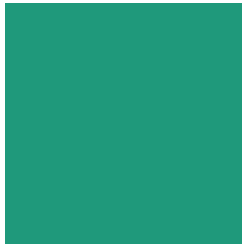
45.7360, -5.7858, 82.6695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 113.1020, 4.8797, -72.0035 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 113.1020, 4.8797, -72.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

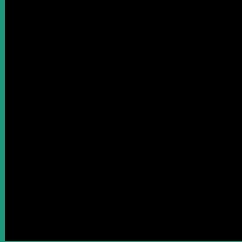
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.1020, 4.8797, -72.0035

Background



This preview shows how black text looks on a background with the YUV color 113.1020, 4.8797, -72.0035.



This preview shows how white text looks on a background with the YUV color 113.1020, 4.8797,

-72.0035.

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

113.1020, 4.8797, -72.0035

Protanopia

134.1120, -9.9152, 6.9178

Deuteranopia

135.7520, -3.8217, 12.4955



Tritanopia

121.2620, 19.0978, -58.9888

Trichromacy



Original Color

113.1020, 4.8797, -72.0035



Protanomaly

126.6030, -4.7343, -21.5768



Deuteranomaly

127.3630, -0.6720, -17.8584



Tritanomaly

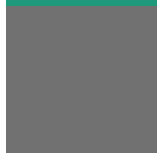
118.5620, 14.0199, -63.6369

Monochromacy



Original Color

113.1020, 4.8797, -72.0035



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.2910, 1.8285, -26.5652

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1020, 4.8797, -72.0035 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(31, 153, 123)` looks like.

```
.text, #text, p{  
    color:rgb(31, 153, 123)  
}
```

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, 153, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 153, 123) }
```

Border

The CSS property to change the border of an element to YUV 113.1020, 4.8797, -72.0035 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(31, 153, 123) }
```


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

```
.border{ border-color:rgb(31, 153, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 153, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 153, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 153, 123);  
box-shadow:4px 4px 4px 4px rgb(31, 153,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 113.1020, 4.8797, -72.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 153, 123) }
```

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

```
.background{ background-color: rgb(31, 153,  
123) }
```

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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