

Converting Colors

YUV(20.3940, 9.1728, -2.0995)

Have a look what the booklet for
YUV(20.3940, 9.1728, -2.0995)
contains.

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Color

**YUV(20.3940, 9.1728,
-2.0995)**

Conversions

Conversions Part 1

Format	Color
Hex	121227
RGB	18, 18, 39
RGB Percent	7%, 7%, 15%
CMY	0.9294, 0.9294, 0.8471
CMYK	0.54, 0.54, 0.00, 0.85
HSL	240°, 37%, 11%
HSV	240°, 54%, 15%
XYZ	0.8320, 0.7077, 2.0122
YIQ	20.3940, -6.7410, 6.5310

Conversions

Conversions Part 2

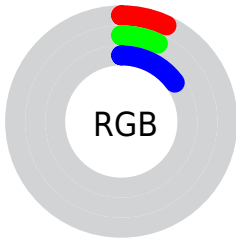
Format	Color
RYB	18, 18, 39
Decimal	1184295
CIELab	6.39, 6.53, -14.27
CIELCh	6, 15.691, 294.579
Yxy	0.7077, 0.2342, 0.1992
Android (android.graphics.Color)	4279374375 (0xFF121227)
YUV	20.3940, 9.1728, -2.0995
Hunter-Lab	8.4125, 2.9314, -8.2931

Details

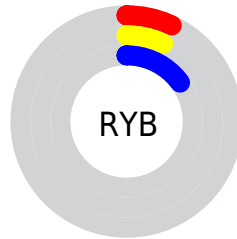
The YUV color **20.3940, 9.1728, -2.0995** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **36.6060, -9.1728, 2.0995**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.0350, 10.3357, -1.7847**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.8500, 10.9200, -2.4995**, and if you desaturate by 10%, it is **23.9380, 7.4256, -1.6996**.

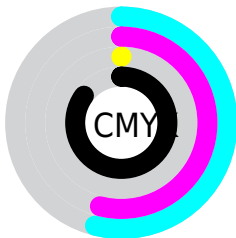
Distribution



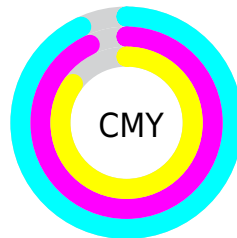
- Red (7%)
- Green (7%)
- Blue (15%)



- Red (7%)
- Yellow (7%)
- Blue (15%)



- Cyan (54%)
- Magenta (54%)
- Yellow (0%)
- Black (85%)



- Cyan (93%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3940, 9.1728, -2.0995 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 20.3940, 9.1728, -2.0995 by changing the saturation by 10% instead.

■ 20.3940, 9.1728,
-2.0995

■ 20.3940, 9.1728,
-2.0995

■ 244.0800, 5.3836,
-0.0702

■ 2.6390, 7.5730,
-2.3144

■ 63.0350, 10.3357,
-1.7847

■ 0.0000, 0.0000,
0.0000

■ 86.4480, 10.6251,
-1.2699

■ 110.6760, 11.4987,
-1.4699

■ 136.6760, 11.4987,
-1.4699

■ 162.7900, 11.9355,
-1.5698

■ 189.9040, 12.3723,

-1.6698

■ 217.3170, 12.6617,
-1.1550

■ 20.3940, 9.1728,
-2.0995

■ 20.3940, 9.1728,
-2.0995

■ 16.8500, 10.9200,
-2.4995

■ 23.9380, 7.4256,
-1.6996

■ 13.3060, 12.6671,
-2.8994

■ 27.4820, 5.6784,
-1.2997

■ 9.7620, 14.4143,
-3.2993

■ 31.0260, 3.9312,
-0.8998

■ 6.2180, 16.1615,
-3.6992

■ 34.5700, 2.1840,
-0.4999

■ 4.4460, 17.0351,
-3.8991

■ 38.1140, 0.4368,
-0.1000

■ 40.7720, -0.8736,
0.2000

■ 44.3160, -2.6208,
0.5999

■ 47.8600, -4.3680,
0.9998

■ 51.4040, -6.1152,
1.3997

Harmonies

Analogous

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



17.5880, 11.5421, -15.4247



20.3940, 9.1728, -2.0995



21.1350, 5.3564, 8.6516

Triad

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



20.3940, 9.1728, -2.0995



19.8680, -9.7949, 15.0248



17.7870, -0.3880, -15.5992

Complementary

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



20.3940, 9.1728, -2.0995



36.6060, -9.1728, 2.0995

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.



14.7890, -6.7980, -12.9700



20.3940, 9.1728, -2.0995



19.8240, -9.7732, 8.0474

Square

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



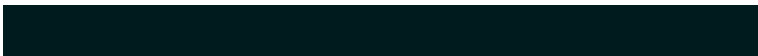
20.3940, 9.1728, -2.0995



19.3290, -5.5852, 18.1285



18.5840, -9.1619, -1.3892



19.1550, 4.8536, -16.7989

Rectangle

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



20.3940, 9.1728, -2.0995



20.4840, 2.7194, 14.4845



18.5840, -9.1619, -1.3892



16.6300, -2.2826, -14.5845

Sweetspot

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



20.3940, 9.1728, -2.0995



43.9120, 3.4944, -0.7998



32.7210, 3.0955, -12.9103



21.5700, 2.1840, -0.4999



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



20.3940, 9.1728, -2.0995



21.7620, 14.4143, -3.2993



23.6830, 7.5513, 4.6630



18.2280, 0.8736, -0.2000



9.5760, 36.6910, -8.3982



24.1680, 92.6012, -21.1953

Inverse Universe

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



26.6730, 6.0772, 10.8108



31.6290, 9.5499, 16.9884



33.6160, -7.6987, -4.0482



18.8260, 0.5788, 1.0296



34.6920, 24.3088, 43.2431



87.5560, 61.3509, 109.1374

Previews

White Background



This preview shows how the YUV color 20.3940, 9.1728, -2.0995 looks on a white background.

Color Contrast Check

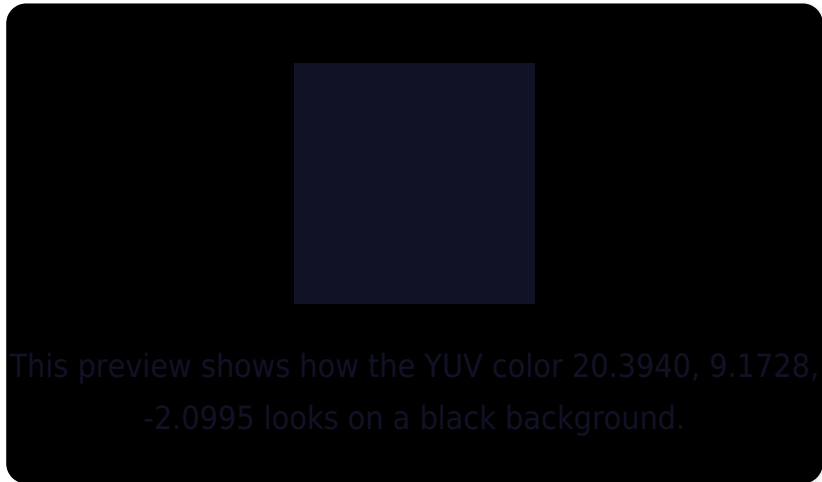
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

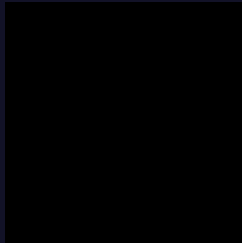
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3940, 9.1728, -2.0995

Background



This preview shows how black text looks on a background with the YUV color 20.3940, 9.1728, -2.0995.



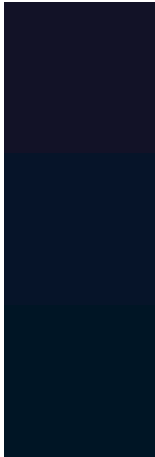
This preview shows how white text looks on a background with the YUV color 20.3940, 9.1728,

-2.0995.

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

20.3940, 9.1728, -2.0995

Protanopia

18.2080, 11.2365, -10.7064

Deuteranopia

16.5450, 10.0843, -14.5100



Tritanopia

19.5370, 2.2003, -5.7329

Trichromacy



Original Color

20.3940, 9.1728, -2.0995

Protanomaly

18.7030, 10.4994, -7.6325

Deuteranomaly

18.1650, 9.7787, -9.7917

Tritanomaly

20.1180, 4.3788, -4.4885

Monochromacy



Original Color

20.3940, 9.1728, -2.0995

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

19.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3940, 9.1728, -2.0995 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(18, 18, 39)` looks like.

```
.text, #text, p{  
    color:rgb(18, 18, 39)  
}
```

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(18, 18, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 18, 39) }
```

Border

The CSS property to change the border of an element to YUV 20.3940, 9.1728, -2.0995 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(18, 18, 39) }
```


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

```
.border{ border-color:rgb(18, 18, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 18, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 18, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 18, 39);  
box-shadow:4px 4px 4px 4px rgb(18, 18, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.3940, 9.1728, -2.0995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 18, 39) }
```

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

```
.background{ background-color: rgb(18, 18,  
39) }
```

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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