

Converting Colors

YUV(20.3560, 26.9395, -7.3282)

Have a look what the booklet for
YUV(20.3560, 26.9395, -7.3282)
contains.

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Color

**YUV(20.3560, 26.9395,
-7.3282)**

Conversions

Conversions Part 1

Format	Color
Hex	0C0E4B
RGB	12, 14, 75
RGB Percent	5%, 5%, 29%
CMY	0.9529, 0.9451, 0.7059
CMYK	0.84, 0.81, 0.00, 0.71
HSL	238°, 72%, 17%
HSV	238°, 84%, 29%
XYZ	1.5787, 0.9002, 6.7472
YIQ	20.3560, -20.7730, 18.5470

Conversions

Conversions Part 2

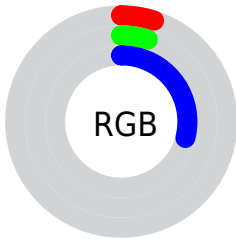
Format	Color
RYB	12, 14, 75
Decimal	790091
CIELab	8.13, 23.56, -37.54
CIElCh	8, 44.318, 302.111
Yxy	0.9002, 0.1711, 0.0976
Android (android.graphics.Color)	4278980171 (0xFF0C0E4B)
YUV	20.3560, 26.9395, -7.3282
Hunter-Lab	9.4881, 13.0952, -35.5206

Details

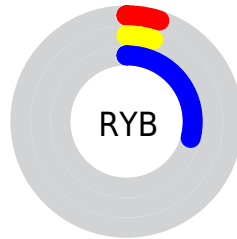
The YUV color **20.3560, 26.9395, -7.3282** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **66.6440, -26.9395, 7.3282**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.1550, 28.5176, -0.1359**, and **4.5940, 12.5252, -4.0289** is the 20% darker color. If you saturate the color by 10%, you get **14.1540, 29.9971, -8.0281**, and if you desaturate by 10%, it is **26.8570, 23.7345, -6.0136**.

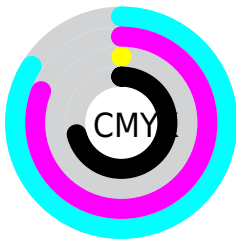
Distribution



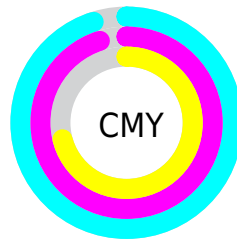
- Red (5%)
- Green (5%)
- Blue (29%)



- Red (5%)
- Yellow (5%)
- Blue (29%)



- Cyan (84%)
- Magenta (81%)
- Yellow (0%)
- Black (71%)



- Cyan (95%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 20.3560, 26.9395, -7.3282 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 20.3560, 26.9395, -7.3282 by changing the saturation by 10% instead.

■ 20.3560, 26.9395,
-7.3282

■ 20.3560, 26.9395,
-7.3282

■ 244.4340, 5.2090,
9.2664

■ 5.9280, 22.7135,
-5.1989

■ 67.1550, 28.5176,
-0.1359

■ 4.5940, 12.5252,
-4.0289

■ 91.3940, 29.3858,
1.4085

■ 0.0000, 0.0000,
0.0000

■ 116.3340, 30.4013,
2.3381

■ 142.2740, 31.4169,
3.2677

■ 169.3880, 31.8537,
3.1677

■ 195.4160, 29.3749,

4.8972

■ 220.5230, 16.9972,
8.3113

■ 20.3560, 26.9395,
-7.3282

■ 20.3560, 26.9395,
-7.3282

■ 14.1540, 29.9971,
-8.0281

■ 26.8570, 23.7345,
-6.0136

■ 9.7240, 32.1811,
-8.5279

■ 33.6460, 20.3875,
-5.8285

■ 40.1470, 17.1825,
-4.5139

■ 46.3490, 14.1249,
-3.8141

■ 52.5510, 11.0674,
-3.1142

■ 59.6390, 7.5730,
-2.3144

■ 66.1400, 4.3680,
-0.9998

■ 72.3420, 1.3104,
-0.2999

■ 78.8430, -1.8946,
1.0147

Harmonies

Analogous

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



26.1260, 29.0249, -22.9125



20.3560, 26.9395, -7.3282



23.2700, 14.1639, 30.4582

Triad

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



20.3560, 26.9395, -7.3282



20.8310, -10.2697, 27.3352



23.9820, 0.5019, -21.0322

Complementary

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



20.3560, 26.9395, -7.3282



66.6440, -26.9395, 7.3282

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.



20.5450, -10.1287, -18.0180



20.3560, 26.9395, -7.3282



22.7590, -11.2202, 5.4734

Square

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



20.3560, 26.9395, -7.3282



20.0330, -9.8763, 41.1901



18.7840, -9.2605, -16.4736



27.9890, 13.3164, -24.5464

Rectangle

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



20.3560, 26.9395, -7.3282



24.0940, 4.3907, 38.5056



18.7840, -9.2605, -16.4736



22.0270, -4.4503, -19.3177

Sweetspot

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



20.3560, 26.9395, -7.3282



75.7360, 10.4832, -2.3995



55.9350, 8.4130, -38.5310



35.5960, 6.1152, -1.3997



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



20.3560, 26.9395, -7.3282



12.8190, 41.5012, -11.2423



27.8530, 23.2435, 11.5299



35.0430, 1.4578, -0.9147



13.3890, 43.6852, -11.7422



30.3290, 98.4378, -26.5985

Inverse Universe

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



31.0650, -8.4130, 38.5310



29.3450, -12.9881, 59.3334



59.1470, -23.2435, -11.5299



35.3100, -0.1528, 2.3591



30.8400, -13.7251, 62.4073



69.5680, -30.8460, 140.6989

Previews

White Background



This preview shows how the YUV color 20.3560, 26.9395, -7.3282 looks on a white background.

Color Contrast Check

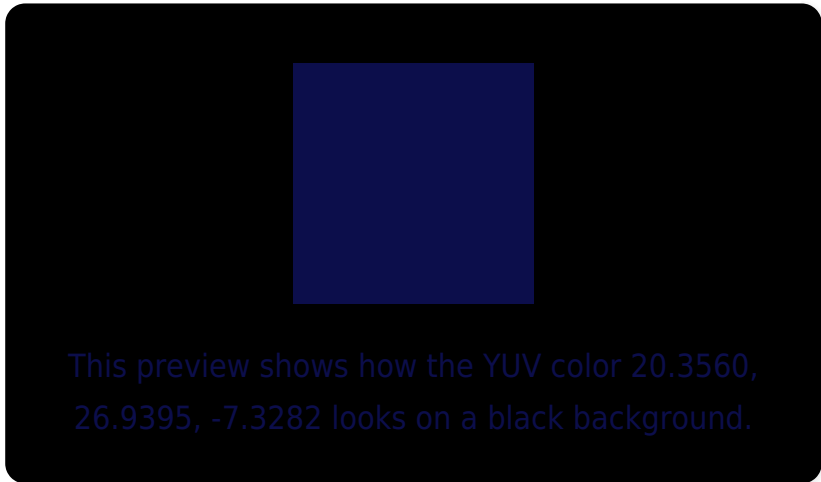
Large Text (above 18pt) WCAG AA ✓ Pass

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

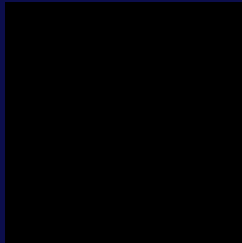
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.3560, 26.9395, -7.3282

Background



This preview shows how black text looks on a background with the YUV color 20.3560, 26.9395, -7.3282.



This preview shows how white text looks on a background with the YUV color 20.3560, 26.9395,

-7.3282.

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

20.3560, 26.9395, -7.3282

Protanopia

20.6030, 15.4787, -18.0688

Deuteranopia

20.2780, 11.6949, -17.7838



Tritanopia

19.8560, 5.0010, -17.4137

Trichromacy



Original Color

20.3560, 26.9395, -7.3282

Protanomaly

20.3630, 19.5410, -14.3504

Deuteranomaly

20.3800, 17.0677, -14.3653

Tritanomaly

19.9410, 12.8471, -13.9803

Monochromacy



Original Color

20.3560, 26.9395, -7.3282

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.2090, 9.7570, -2.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.3560, 26.9395, -7.3282 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(12, 14, 75)` looks like.

```
.text, #text, p{  
    color:rgb(12, 14, 75)  
}
```

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(12, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 14, 75) }
```

Border

The CSS property to change the border of an element to YUV 20.3560, 26.9395, -7.3282 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(12, 14, 75) }
```


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

```
.border{ border-color:rgb(12, 14, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 14, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(12, 14, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.3560, 26.9395, -7.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 14, 75) }
```

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

```
.background{ background-color: rgb(12, 14,  
75) }
```

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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