

Converting Colors

YUV(20.7920, 22.2875, -8.5876)

Have a look what the booklet for
YUV(20.7920, 22.2875, -8.5876)
contains.

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Color

**YUV(20.7920, 22.2875,
-8.5876)**

Conversions

Conversions Part 1	
Format	Color
Hex	0B1142
RGB	11, 17, 66
RGB Percent	4%, 7%, 26%
CMY	0.9569, 0.9333, 0.7412
CMYK	0.83, 0.74, 0.00, 0.74
HSL	233°, 71%, 15%
HSV	233°, 83%, 26%
XYZ	1.3218, 0.8654, 5.2516
YIQ	20.7920, -19.3050, 13.9670

Conversions

Conversions Part 2

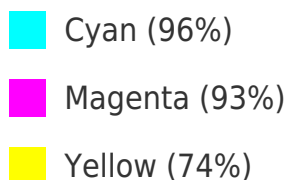
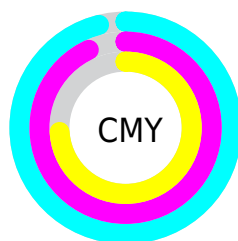
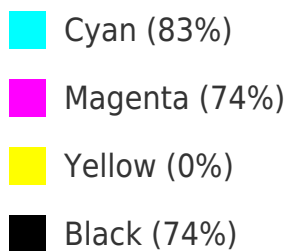
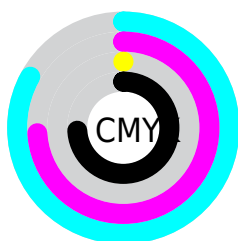
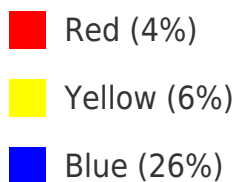
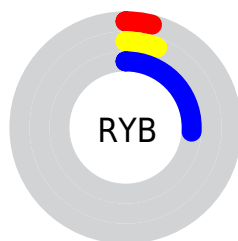
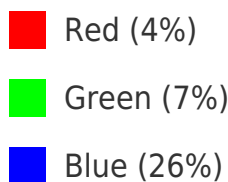
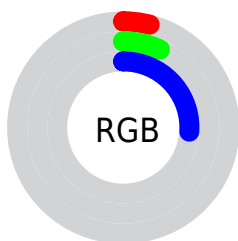
Format	Color
RYB	11, 16, 66
Decimal	725314
CIELab	7.82, 17.58, -31.74
CIELCh	8, 36.282, 298.983
Yxy	0.8654, 0.1777, 0.1163
Android (android.graphics.Color)	4278915394 (0xFF0B1142)
YUV	20.7920, 22.2875, -8.5876
Hunter-Lab	9.3026, 9.0837, -26.9591

Details

The YUV color **20.7920, 22.2875, -8.5876** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **56.2080, -22.2875, 8.5876**, and the grayscale version is **21.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.5800, 23.8711, -3.1397**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **15.1770, 25.0557, -9.8022**, and if you desaturate by 10%, it is **26.4070, 19.5193, -7.3729**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 20.7920, 22.2875, -8.5876 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 20.7920, 22.2875, -8.5876 by changing the saturation by 10% instead.


 20.7920, 22.2875,
-8.5876


 20.7920, 22.2875,
-8.5876


 245.2980, 4.7831,
5.8777

 5.0160, 19.2191,
-4.3990

 66.5800, 23.8711,
-3.1397

 3.0950, 9.3202,
-2.7143

 90.4060, 24.4498,
-2.1101

 0.0000, 0.0000,
0.0000

 115.3460, 25.4654,
-1.1804

 140.8730, 26.1916,
-0.7656

 167.4000, 26.9178,
-0.3508

 194.9270, 27.6440,

0.0640

220.1910, 17.1608,
2.4635

20.7920, 22.2875,
-8.5876

20.7920, 22.2875,
-8.5876

15.1770, 25.0557,
-9.8022

26.4070, 19.5193,
-7.3729

11.6330, 26.8029,
-10.2021

31.7230, 16.8986,
-6.7731

37.3380, 14.1304,
-5.5584

42.6540, 11.5096,
-4.9586

47.6820, 9.0308,
-3.2291

■ 53.2970, 6.2626,
-2.0145

■ 58.6130, 3.6418,
-1.4146

■ 64.2280, 0.8736,
-0.2000

■ 69.5440, -1.7472,
0.3999

Harmonies

Analogous

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



24.0570, 23.6359, -21.0980



20.7920, 22.2875, -8.5876



20.1230, 13.7434, 25.3251

Triad

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



20.7920, 22.2875, -8.5876



20.5210, -10.1169, 24.9761



22.9390, -0.9559, -20.1175

Complementary

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



20.7920, 22.2875, -8.5876



56.2080, -22.2875, 8.5876

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.



19.9580, -9.8393, -17.5032



20.7920, 22.2875, -8.5876



22.1830, -10.9362, 7.7325

Square

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



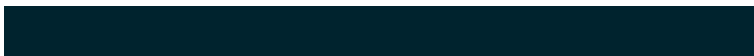
20.7920, 22.2875, -8.5876



18.2390, -8.9918, 37.5014



17.0230, -8.3923, -14.9292



25.7890, 9.9640, -22.6170

Rectangle

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



20.7920, 22.2875, -8.5876



21.4030, 5.7173, 32.9726



17.0230, -8.3923, -14.9292



21.6850, -5.7607, -19.0177

Sweetspot

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



20.7920, 22.2875, -8.5876



68.6820, 9.0308, -3.2291



48.8710, 5.4866, -33.2129



32.6560, 5.0996, -2.3293



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



20.7920, 22.2875, -8.5876



15.2010, 35.3969, -13.3313



23.5490, 20.9283, 7.4115



30.3420, 1.3104, -0.2999



17.5150, 39.1861, -15.3607



39.6240, 90.8974, -34.7502

Inverse Universe

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



28.1290, -5.4866, 33.2129



27.0390, -8.8932, 52.5858



53.4510, -20.9283, -7.4115



30.8970, -0.4422, 1.8443



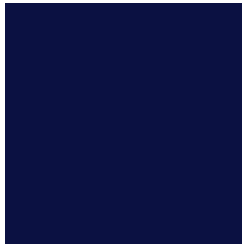
30.2570, -9.4937, 58.5336



69.7120, -22.5360, 135.3106

Previews

White Background



This preview shows how the YUV color 20.7920, 22.2875, -8.5876 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



This preview shows how the YUV color 20.7920, 22.2875, -8.5876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

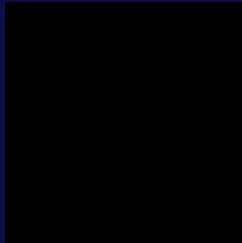
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 20.7920, 22.2875, -8.5876

Background



This preview shows how black text looks on a background with the YUV color 20.7920, 22.2875, -8.5876.



This preview shows how white text looks on a background with the YUV color 20.7920, 22.2875, -8.5876.

-8.5876.

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

20.7920, 22.2875, -8.5876

Protanopia

19.7880, 14.8945, -17.3541

Deuteranopia

19.4630, 11.1107, -17.0691



Tritanopia

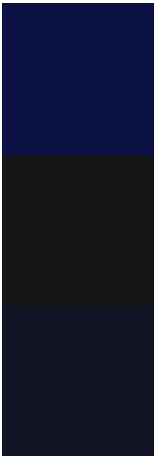
19.1550, 4.8536, -16.7989

Trichromacy



- Original Color**
20.7920, 22.2875, -8.5876
- Protanomaly**
19.9070, 17.7938, -13.9504
- Deuteranomaly**
19.9240, 15.3205, -13.9653
- Tritanomaly**
19.4850, 11.0999, -13.5803

Monochromacy



- Original Color**
20.7920, 22.2875, -8.5876
- Achromatopsia**
21.0000, 0.0000, 0.0000
- Achromatomaly**
21.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 20.7920, 22.2875, -8.5876 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(11, 17, 66)` looks like.

```
.text, #text, p{  
    color:rgb(11, 17, 66)  
}
```

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(11, 17, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 17, 66) }
```

Border

The CSS property to change the border of an element to YUV 20.7920, 22.2875, -8.5876 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(11, 17, 66) }
```


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

```
.border{ border-color:rgb(11, 17, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 17, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 17, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 17, 66);  
box-shadow:4px 4px 4px 4px rgb(11, 17, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 20.7920, 22.2875, -8.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(11, 17, 66) }
```

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

```
.background{ background-color:rgb(11, 17,  
66) }
```

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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