

Converting Colors

YIQ(22.5120, -20.9120, 26.5760)

Have a look what the booklet for
YIQ(22.5120, -20.9120, 26.5760)
contains.

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Color

**YIQ(22.5120, -20.9120,
26.5760)**

Conversions

Conversions Part 1

Format	Color
Hex	130B5B
RGB	19, 11, 91
RGB Percent	7%, 4%, 36%
CMY	0.9254, 0.9569, 0.6433
CMYK	0.79, 0.88, 0.00, 0.64
HSL	246°, 78%, 20%
HSV	246°, 88%, 36%
XYZ	2.2753, 1.1326, 9.9879
YIQ	22.5120, -20.9120, 26.5760

Conversions

Conversions Part 2

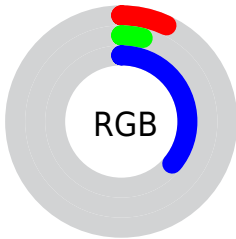
Format	Color
R_{YB}	19, 11, 91
Decimal	1248091
CIE _{Lab}	10.05, 31.81, -45.28
CIE _{LCh}	10, 55.343, 305.090
Yxy	1.1326, 0.1699, 0.0845
Android (android.graphics.Color)	4279438171 (0xFF130B5B)
YUV	22.5120, 33.7646, -3.0800
Hunter-Lab	10.6423, 19.5383, -48.1943

Details

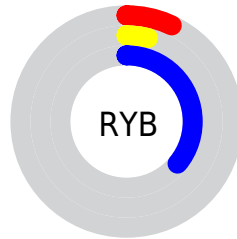
The YIQ color **22.5120, -20.9120, 26.5760** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **79.4880, 20.9120, -26.5760**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **71.4960, -14.8150, 31.7210**, and **6.7770, -14.9490, 12.1150** is the 20% darker color. If you saturate the color by 10%, you get **14.8370, -23.2050, 29.5870**, and if you desaturate by 10%, it is **30.1870, -18.6190, 23.5650**.

Distribution



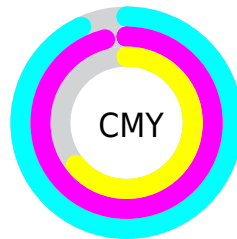
- Red (7%)
- Green (4%)
- Blue (36%)



- Red (7%)
- Yellow (4%)
- Blue (36%)



- Cyan (79%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 22.5120, -20.9120, 26.5760 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 YIQ color 22.5120, -20.9120, 26.5760 by changing the saturation by 10% instead.

■ 22.5120, -20.9120,
26.5760

■ 22.5120, -20.9120,
26.5760

■ 245.0210, 4.6750,
8.8910

■ 7.6380, -21.5070,
20.8370

■ 71.4960, -14.8150,
31.7210

■ 6.7770, -14.9490,
12.1150

■ 96.4360, -14.5860,
33.0780

■ 3.0950, -7.3370,
6.3190

■ 121.7890,
-14.0820, 34.9580

■ 0.0000, 0.0000,
0.0000

■ 148.0280,
-13.2570, 36.5270

■ 175.5550,
-13.3030, 37.3610

■ 199.8900, -4.3610,

29.4870

■ 224.4100, 5.4980,
21.5140

■ 22.5120, -20.9120,
26.5760

■ 22.5120, -20.9120,
26.5760

■ 14.8370, -23.2050,
29.5870

■ 30.1870, -18.6190,
23.5650

■ 13.0650, -23.8470,
30.2090

■ 37.8620, -16.3260,
20.5540

■ 45.8360, -13.4370,
17.7550

■ 53.5110, -11.1440,
14.7440

■ 61.1860, -8.8510,
11.7330

■ 69.4480, -6.8330,
8.1990

■ 77.1230, -4.5400,
5.1880

■ 84.7980, -2.2470,
2.1770

■ 92.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



31.3410, -42.7800, 15.3960



22.5120, -20.9120, 26.5760



28.6670, 24.2480, 34.1360

Triad

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



22.5120, -20.9120, 26.5760



22.9240, 32.6890, 7.8010



27.8290, -21.8680, -11.1800

Complementary

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



22.5120, -20.9120, 26.5760



79.4880, 20.9120, -26.5760

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.



23.4800, -11.0000, -20.9200



22.5120, -20.9120, 26.5760



25.9930, 9.9050, -8.8070

Square

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



22.5120, -20.9120, 26.5760



23.6210, 47.0840, 16.7480



21.7190, -10.1750, -19.3510



33.3350, -34.6160, -0.4080

Rectangle

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



22.5120, -20.9120, 26.5760



29.5190, 39.1040, 29.2160



21.7190, -10.1750, -19.3510



25.7600, -17.4200, -14.7000

Sweetspot

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



22.5120, -20.9120, 26.5760



91.3170, -7.8420, 9.9660



62.3840, -45.4800, -12.7760



42.7640, -4.9070, 6.3330



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



22.5120, -20.9120, 26.5760



16.9260, -30.4050, 38.9310



34.4720, 2.9280, 35.0560



41.8690, -1.0090, 1.7670



15.8290, -28.7540, 36.5420



34.1940, -61.7730, 78.7950

Inverse Universe

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



43.1280, 24.5680, 39.3520



47.0670, 35.7060, 57.7700



67.5280, -2.9280, -35.0560



42.9510, 1.6960, 2.3040



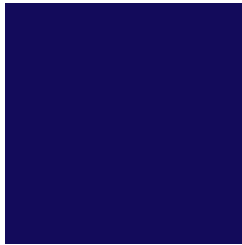
44.1760, 33.7810, 54.1090



95.1450, 72.8790, 116.4870

Previews

White Background



This preview shows how the YIQ color 22.5120, -20.9120, 26.5760 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

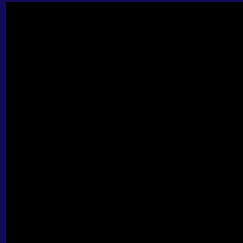
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 22.5120, -20.9120, 26.5760

Background



This preview shows how black text looks on a background with the YIQ color 22.5120, -20.9120, 26.5760.



This preview shows how white text looks on a background with the YIQ color 22.5120, -20.9120,

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

22.5120, -20.9120, 26.5760

Protanopia

23.8630, -27.2350, 3.4930

Deuteranopia

24.0110, -24.8960, -0.3520



Tritanopia

23.3610, -20.3100, -6.3740

Trichromacy



Original Color

22.5120, -20.9120, 26.5760

Protanomaly

23.1010, -24.6690, 12.0590

Deuteranomaly

23.7050, -23.6140, 9.4580

Tritanomaly

23.0380, -20.3580, 5.5140

Monochromacy



Original Color

22.5120, -20.9120, 26.5760

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.2030, -7.5210, 9.6550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 22.5120, -20.9120, 26.5760 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(19, 11, 91)` looks like.

```
.text, #text, p{  
    color:rgb(19, 11, 91)  
}
```

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(19, 11, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 11, 91) }
```

Border

The CSS property to change the border of an element to YIQ 22.5120, -20.9120, 26.5760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

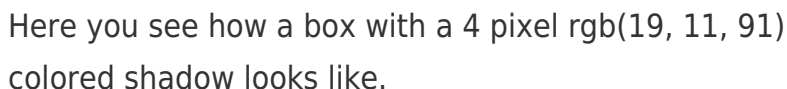
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 11, 91) }
```


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

```
.border{ border-color:rgb(19, 11, 91) }
```

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



Here you see how a box with a 4 pixel `rgb(19, 11, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 11, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 11, 91);  
box-shadow:4px 4px 4px 4px rgb(19, 11, 91)  
}
```

Background

The CSS property to change the background color of an element to YIQ 22.5120, -20.9120, 26.5760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 11, 91) }
```

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

```
.background{ background-color: rgb(19, 11,  
91) }
```

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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