

Converting Colors

YIQ(212.4120, 10.0430,
-11.3090)

Have a look what the booklet for
YIQ(212.4120, 10.0430, -11.3090)
contains.

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Color

**YIQ(212.4120, 10.0430,
-11.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9B6
RGB	215, 217, 182
RGB Percent	84%, 85%, 71%
CMY	0.1569, 0.1490, 0.2862
CMYK	0.01, 0.00, 0.16, 0.15
HSL	63°, 32%, 78%
HSV	63°, 16%, 85%
XYZ	61.2807, 67.4502, 54.0546
YIQ	212.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

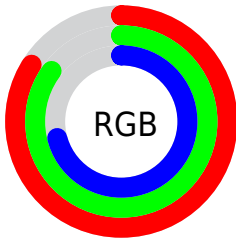
Format	Color
R_{YB}	182, 217, 184
Decimal	14145974
CIE Lab	85.73, -6.55, 17.03
CIE LCh	86, 18.249, 111.022
Yxy	67.4502, 0.3353, 0.3690
Android (android.graphics.Color)	4292336054 (0xFFD7D9B6)
YUV	212.4120, -14.9931, 2.2697
Hunter-Lab	82.1281, -10.5347, 18.4665

Details

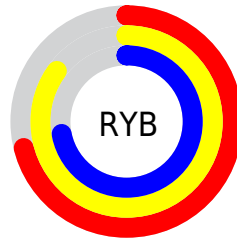
The YIQ color $212.4120, 10.0430, -11.3090$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.5880, -10.0430, 11.3090$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.0620, 5.4570, -5.2870$, and $157.6400, 9.4010, -10.6870$ is the 20% darker color. If you saturate the color by 10%, you get $209.6050, 16.5090, -18.3630$, and if you desaturate by 10%, it is $215.2190, 3.5770, -4.2550$.

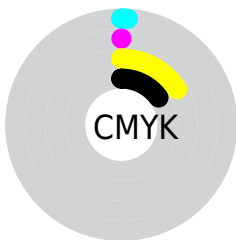
Distribution



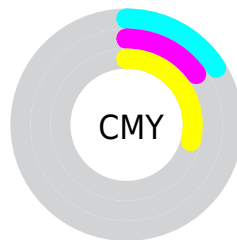
- Red (84%)
- Green (85%)
- Blue (71%)



- Red (71%)
- Yellow (85%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4120, 10.0430, -11.3090 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 212.4120, 10.0430, -11.3090 by changing the saturation by 10% instead.

■ 212.4120, 10.0430,
-11.3090

■ 212.4120, 10.0430,
-11.3090

255.0000, -0.0000,
-0.0000

■ 184.5260, 9.7220,
-10.9980

■ 253.0620, 5.4570,
-5.2870

■ 157.6400, 9.4010,
-10.6870

■ 131.7540, 9.0800,
-10.3760

■ 106.5690, 8.1630,
-10.2770

■ 82.0960, 8.1170,
-9.4430

■ 58.9110, 7.2000,
-9.3440

■ 37.0250, 6.8790,

-9.0330

■ 16.8120, 3.1650,
-7.8030

■ 0.0000, 0.0000,
0.0000

■ 212.4120, 10.0430,
-11.3090

■ 212.4120, 10.0430,
-11.3090

■ 209.6050, 16.5090,
-18.3630

■ 215.2190, 3.5770,
-4.2550

■ 206.6130, 22.0580,
-25.3180

■ 217.9120, -2.5680,
2.4880

■ 203.8060, 28.5240,
-32.3720

■ 221.0180, -8.4380,
9.7540

■ 200.9990, 34.9900,
-39.4260

■ 222.2290,
-10.4100, 12.4540

■ 198.3060, 41.1350,
-46.1690

■ 222.5280, -9.8140,
12.6660

■ 195.4990, 47.6010,
-53.2230

■ 222.8270, -9.2180,
12.8780

■ 192.3930, 53.4710,
-60.4890

■ 223.4250, -8.0260,
13.3020

■ 189.5860, 59.9370,
-67.5430

■ 223.7240, -7.4300,
13.5140

■ 188.6740, 62.5050,
-70.0310

■ 224.0230, -6.8340,
13.7260

Harmonies

Analogous

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



214.1580, 22.7420, -4.6660



212.4120, 10.0430, -11.3090



210.5070, -6.4620, -15.0540

Triad

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



212.4120, 10.0430, -11.3090



209.5150, -35.3030, -4.4790



217.7950, 20.1710, 14.4030

Complementary

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



212.4120, 10.0430, -11.3090



186.5880, -10.0430, 11.3090

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.



217.1940, 5.8660, 14.8420



212.4120, 10.0430, -11.3090



212.1620, -26.6390, 3.7050

Square

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



212.4120, 10.0430, -11.3090



207.7830, -33.4220, -11.0380



215.5770, -11.5100, 10.3620



217.3520, 28.6080, 10.1760

Rectangle

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



212.4120, 10.0430, -11.3090



209.3470, -17.6950, -15.2230



215.5770, -11.5100, 10.3620



217.8700, 15.5860, 14.8980

Sweetspot

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



212.4120, 10.0430, -11.3090



253.2190, 3.5770, -4.2550



193.6390, 20.3100, 6.3740



126.7890, 1.9720, -2.7000



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



212.4120, 10.0430, -11.3090



248.6310, 13.6200, -15.5640



207.3290, -0.0890, -14.9130



108.4470, 2.9350, -3.6330



150.2880, 49.5730, -55.9230



39.8590, 12.9780, -14.9420

Inverse Universe

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



186.5880, -10.0430, 11.3090



213.0700, -14.2160, 15.3520



191.6710, 0.0890, 14.9130



100.2540, -3.5310, 3.4210



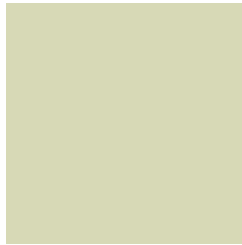
22.7120, -49.5730, 55.9230



6.1410, -12.9780, 14.9420

Previews

White Background



This preview shows how the YIQ color 212.4120, 10.0430, -11.3090 looks on a white background.

Color Contrast Check

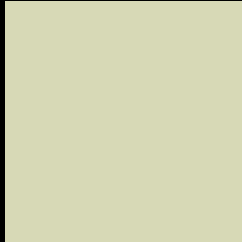
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 212.4120, 10.0430, -11.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

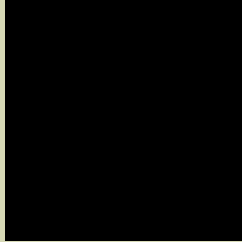
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

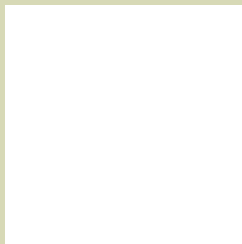
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.4120, 10.0430, -11.3090

Background



This preview shows how black text looks on a background with the YIQ color 212.4120, 10.0430, -11.3090.



This preview shows how white text looks on a background with the YIQ color 212.4120, 10.0430,

-11.3090.

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

212.4120, 10.0430, -11.3090

Protanopia

213.7120, 18.0660, -8.0300

Deuteranopia

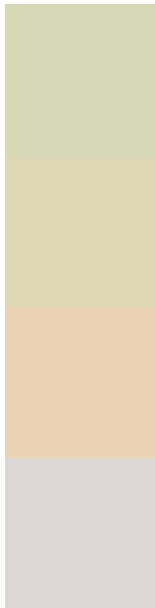
215.4520, 30.9020, 1.6380



Tritanopia

215.8140, 0.8240, 7.0960

Trichromacy



Original Color

212.4120, 10.0430, -11.3090

Protanomaly

213.2170, 15.0860, -9.0900

Deuteranomaly

214.3970, 23.5670, -3.0970

Tritanomaly

214.5660, 4.2180, 0.6500

Monochromacy



Original Color

212.4120, 10.0430, -11.3090

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.2190, 3.5770, -4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4120, 10.0430, -11.3090 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(215, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 182)  
}
```

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(215, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 182) }
```

Border

The CSS property to change the border of an element to YIQ 212.4120, 10.0430, -11.3090 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(215, 217, 182) }
```


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

```
.border{ border-color:rgb(215, 217, 182) }
```

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

Here you see how a box with a 4 pixel rgb(215, 217, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4120, 10.0430, -11.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 182) }
```

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

```
.background{ background-color: rgb(215,  
217, 182) }
```

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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