

Converting Colors

YIQ(224.0120, -8.3010, 12.7790)

Have a look what the booklet for
YIQ(224.0120, -8.3010, 12.7790)
contains.

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Color

**YIQ(224.0120, -8.3010,
12.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DAFF
RGB	224, 218, 255
RGB Percent	88%, 85%, 100%
CMY	0.1215, 0.1451, 0.0001
CMYK	0.12, 0.15, 0.00, 0.00
HSL	250°, 100%, 93%
HSV	250°, 15%, 100%
XYZ	73.8617, 73.2094, 104.8324
YIQ	224.0120, -8.3010, 12.7790

Conversions

Conversions Part 2

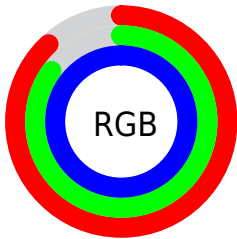
Format	Color
R _Y B	224, 218, 255
Decimal	14736127
CIE Lab	88.55, 9.05, -17.23
CIE LCh	89, 19.467, 297.712
Yxy	73.2094, 0.2932, 0.2906
Android (android.graphics.Color)	4292926207 (0xFFE0DAFF)
YUV	224.0120, 15.2771, -0.0105
Hunter-Lab	85.5625, 4.3555, -12.7492

Details

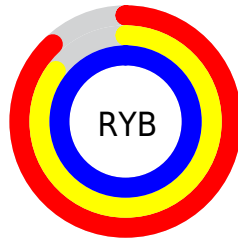
The YIQ color $224.0120, -8.3010, 12.7790$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.9880, 8.3010, -12.7790$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.7840, -7.6590, 12.1570$ is the 20% darker color. If you saturate the color by 10%, you get $203.0580, -13.9420, 21.4020$, and if you desaturate by 10%, it is $245.5530, -2.9350, 3.6330$.

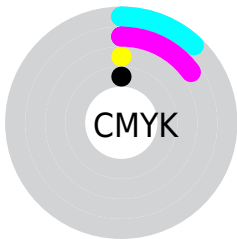
Distribution



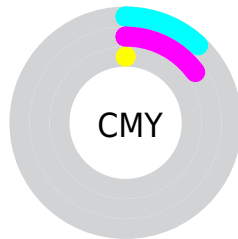
- Red (88%)
- Green (85%)
- Blue (100%)



- Red (88%)
- Yellow (85%)
- Blue (100%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.0120, -8.3010, 12.7790 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 224.0120, -8.3010, 12.7790 by changing the saturation by 10% instead.

■ 224.0120, -8.3010,
12.7790

■ 224.0120, -8.3010,
12.7790

255.0000, -0.0000,
-0.0000

■ 195.8980, -7.9800,
12.4680

■ 168.7840, -7.6590,
12.1570

■ 142.3710, -7.9340,
11.6340

■ 116.8440, -7.8880,
10.8000

■ 91.8440, -7.8880,
10.8000

■ 68.3170, -7.8420,
9.9660

■ 46.0890, -7.2000,

9.3440

■ 25.2630, -7.7500,
8.2980

■ 3.0780, -8.6670,
8.3970

■ 224.0120, -8.3010,
12.7790

■ 224.0120, -8.3010,
12.7790

■ 203.0580,
-13.9420, 21.4020

■ 245.5530, -2.9350,
3.6330

■ 181.2180,
-19.9040, 30.3360

255.0000, -0.0000,
-0.0000

■ 160.2640,
-25.5450, 38.9590

■ 138.7230,
-30.9110, 48.1050

■ 117.4700,
-37.1480, 56.5160

■ 95.9290, -42.5140,
65.6620

■ 74.9750, -48.1550,
74.2850

■ 53.1350, -54.1170,
83.2190

■ 41.3290, -57.4190,
87.9970

Harmonies

Analogous

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



220.3580, -24.2550, 4.5530



224.0120, -8.3010, 12.7790



225.2870, 10.0380, 16.3260

Triad

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



224.0120, -8.3010, 12.7790



224.0390, 30.6270, 1.1150



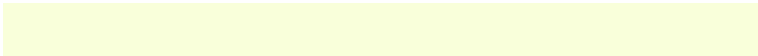
215.6710, -27.4150, -15.2790

Complementary

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



224.0120, -8.3010, 12.7790



248.9880, 8.3010, -12.7790

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.



217.5280, -10.9550, -16.2270



224.0120, -8.3010, 12.7790



221.3920, 21.9630, -7.0690

Square

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



224.0120, -8.3010, 12.7790



222.9990, 28.1040, 8.2960



219.3900, 7.1090, -13.2030



215.7440, -37.6860, -10.8540

Rectangle

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



224.0120, -8.3010, 12.7790



225.8490, 20.0790, 16.0710



219.3900, 7.1090, -13.2030



216.4820, -22.5090, -16.0850

Sweetspot

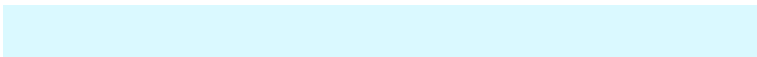
The Sweet Spot groups the original color and five complimentary colors.



224.0120, -8.3010, 12.7790



246.4390, -2.6140, 3.3220



240.4150, -20.4020, -4.7060



122.0970, -1.6510, 2.3890



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.



224.0120, -8.3010, 12.7790



218.9950, -9.6310, 14.8570



229.3940, 2.4270, 16.5950



117.0800, -2.9810, 4.4670



31.0430, -42.8350, 65.9730



10.2860, -14.5840, 22.0240

Inverse Universe

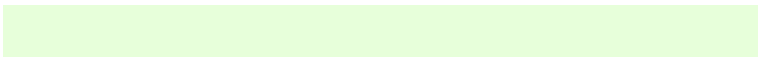
The Inverse Universe completely reimagines the original color for something new.



232.5970, 12.1010, 17.4850



228.9610, 14.0720, 20.3120



243.6060, -2.4270, -16.5950



120.0270, 4.5380, 5.8660



75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 224.0120, -8.3010, 12.7790 looks on a white background.

Color Contrast Check

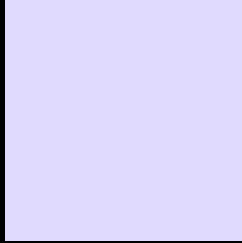
Large Text (above 18pt) WCAG AA × Fail

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 224.0120, -8.3010, 12.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

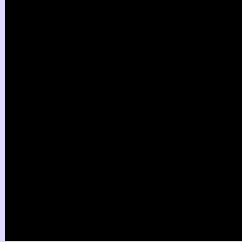
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.0120, -8.3010, 12.7790

Background



This preview shows how black text looks on a background with the YIQ color 224.0120, -8.3010, 12.7790.



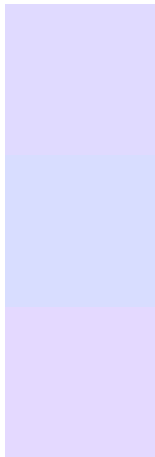
This preview shows how white text looks on a background with the YIQ color 224.0120, -8.3010,

12.7790.

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

224.0120, -8.3010, 12.7790

Protanopia

223.3810, -13.8940, 9.5140

Deuteranopia

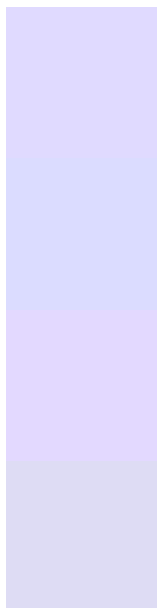
224.6210, -5.6420, 14.1500



Tritanopia

222.9380, -5.4570, 5.2870

Trichromacy



Original Color

224.0120, -8.3010, 12.7790

Protanomaly

223.6910, -11.8310, 10.6730

Deuteranomaly

224.3220, -6.2380, 13.9380

Tritanomaly

223.3340, -6.5120, 7.8880

Monochromacy



Original Color

224.0120, -8.3010, 12.7790

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0800, -2.9810, 4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.0120, -8.3010, 12.7790 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(224, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 255)  
}
```

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(224, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 255) }
```

Border

The CSS property to change the border of an element to YIQ 224.0120, -8.3010, 12.7790 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(224, 218, 255) }
```


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

```
.border{ border-color:rgb(224, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 224.0120, -8.3010, 12.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 255) }
```

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

```
.background{ background-color: rgb(224,  
218, 255) }
```

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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