

Converting Colors

YIQ(224.5510, 8.5740, -1.2020)

Have a look what the booklet for
YIQ(224.5510, 8.5740, -1.2020)
contains.

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Color

**YIQ(224.5510, 8.5740,
-1.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DFD5
RGB	232, 223, 213
RGB Percent	91%, 87%, 84%
CMY	0.0902, 0.1255, 0.1647
CMYK	0.00, 0.04, 0.08, 0.09
HSL	32°, 29%, 87%
HSV	32°, 8%, 91%
XYZ	71.6782, 74.7344, 73.6052
YIQ	224.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

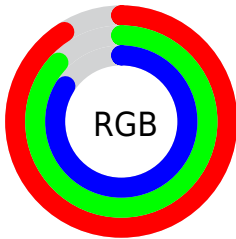
Format	Color
R _Y B	230, 232, 213
Decimal	15261653
CIE Lab	89.27, 1.37, 5.97
CIE LCh	89, 6.125, 77.073
Yxy	74.7344, 0.3258, 0.3397
Android (android.graphics.Color)	4293451733 (0xFFE8DFD5)
YUV	224.5510, -5.6946, 6.5328
Hunter-Lab	86.4491, -3.2847, 10.0331

Details

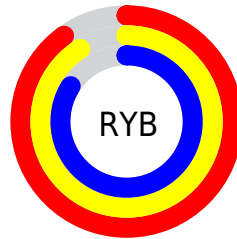
The YIQ color $224.5510, 8.5740, -1.2020$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.4490, -8.5740, 1.2020$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.2520, 7.9780, -1.4140$ is the 20% darker color. If you saturate the color by 10%, you get $215.4720, 18.9820, -2.6020$, and if you desaturate by 10%, it is $233.6300, -1.8340, 0.1980$.

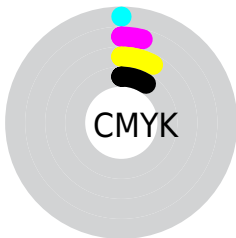
Distribution



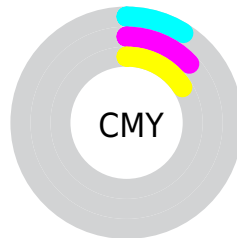
- Red (91%)
- Green (87%)
- Blue (84%)



- Red (90%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.5510, 8.5740, -1.2020 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 224.5510, 8.5740, -1.2020 by changing the saturation by 10% instead.

■ 224.5510, 8.5740,
-1.2020

■ 224.5510, 8.5740,
-1.2020

255.0000, -0.0000,
-0.0000

■ 196.5510, 8.5740,
-1.2020

■ 169.2520, 7.9780,
-1.4140

■ 142.6650, 8.2530,
-0.8910

■ 117.3660, 7.6570,
-1.1030

■ 92.4800, 7.3360,
-0.7920

■ 69.1810, 6.7400,
-1.0040

■ 46.8820, 6.1440,

-1.2160

■ 25.9960, 5.8230,
-0.9050

■ 0.0000, 0.0000,
0.0000

■ 224.5510, 8.5740,
-1.2020

■ 224.5510, 8.5740,
-1.2020

■ 215.4720, 18.9820,
-2.6020

■ 233.6300, -1.8340,
0.1980

■ 206.3930, 29.3900,
-4.0020

■ 242.2530,
-10.9580, 0.3540

■ 197.2000, 40.1190,
-5.7130

■ 248.1230,
-13.7080, -4.8760

■ 188.1210, 50.5270,
-7.1130

■ 179.0420, 60.9350,
-8.5130

■ 169.9630, 71.3430,
-9.9130

■ 160.8840, 81.7510,
-11.3130

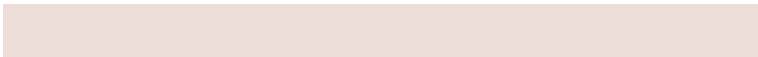
■ 151.6910, 92.4800,
-13.0240

■ 142.6120,
102.8880, -14.4240

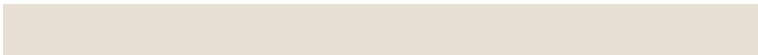
Harmonies

Analogous

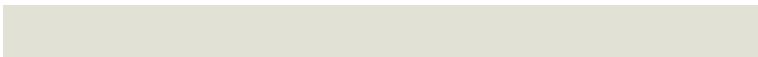
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.9150, 10.5450, 1.6250



224.5510, 8.5740, -1.2020



223.9310, 4.4480, -3.5200

Triad

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



224.5510, 8.5740, -1.2020



222.5040, -10.4070, -4.1270



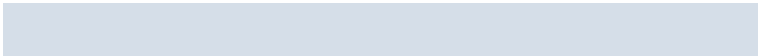
225.5320, 1.5580, 4.8060

Complementary

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



224.5510, 8.5740, -1.2020



220.4490, -8.5740, 1.2020

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.



224.9550, -4.1270, 3.2090



224.5510, 8.5740, -1.2020



222.9000, -11.4620, -1.5260

Square

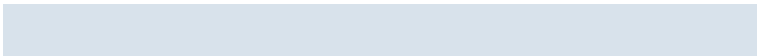
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.5510, 8.5740, -1.2020



222.7170, -6.6930, -5.3570



224.0360, -8.8490, 0.6790



225.8700, 6.4180, 4.8340

Rectangle

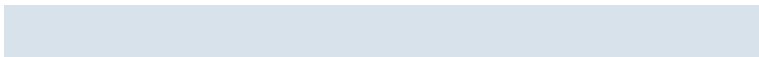
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.5510, 8.5740, -1.2020



223.2510, 0.5510, -4.4810



224.0360, -8.8490, 0.6790



224.8630, -0.8720, 4.7920

Sweetspot

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



224.5510, 8.5740, -1.2020



253.2560, 2.1550, -0.5090



219.7070, 8.4350, 6.8270



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



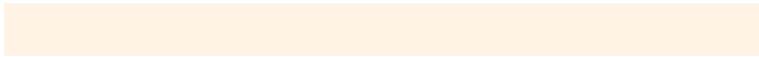
128.0000, -0.0000, -0.0000

Same Dimension

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



224.5510, 8.5740, -1.2020



245.1060, 11.3250, -1.4990



229.8340, 6.0990, -5.9090



110.1100, 5.5020, -0.5940



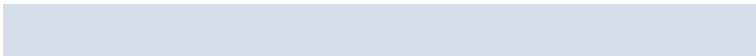
108.6990, 80.8340, -11.2140



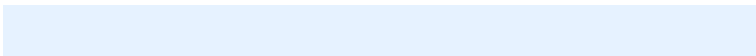
31.0980, 22.9710, -3.3090

Inverse Universe

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



220.4490, -8.5740, 1.2020



239.8940, -11.3250, 1.4990



215.1660, -6.0990, 5.9090



107.8900, -5.5020, 0.5940



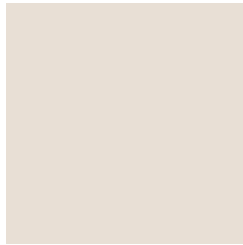
70.3010, -80.8340, 11.2140



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 224.5510, 8.5740, -1.2020 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 224.5510, 8.5740, -1.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

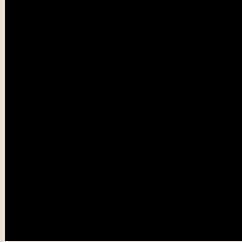
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

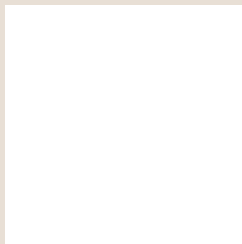
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.5510, 8.5740, -1.2020

Background



This preview shows how black text looks on a background with the YIQ color 224.5510, 8.5740, -1.2020.

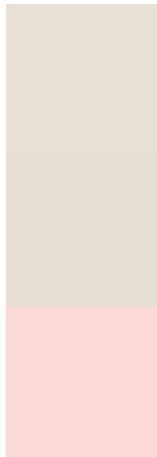


This preview shows how white text looks on a background with the YIQ color 224.5510, 8.5740,

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

224.5510, 8.5740, -1.2020

Protanopia

224.2520, 7.9780, -1.4140

Deuteranopia

226.5250, 20.6310, 6.0630



Tritanopia

225.8360, 3.7580, 8.9900

Trichromacy



Original Color

224.5510, 8.5740, -1.2020

Protanomaly

224.2520, 7.9780, -1.4140

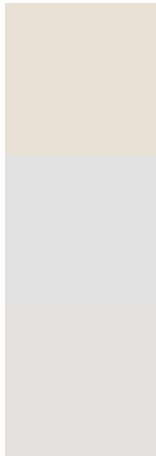
Deuteranomaly

225.6060, 15.9090, 3.5330

Tritanomaly

225.0980, 5.7760, 5.4560

Monochromacy



Original Color

224.5510, 8.5740, -1.2020

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.5510, 8.5740, -1.2020 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(232, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 213)  
}
```

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(232, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 213) }
```

Border

The CSS property to change the border of an element to YIQ 224.5510, 8.5740, -1.2020 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(232, 223, 213) }
```


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

```
.border{ border-color:rgb(232, 223, 213) }
```

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

Here you see how a box with a 4 pixel rgb(232, 223, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 224.5510, 8.5740, -1.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 213) }
```

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

```
.background{ background-color: rgb(232,  
223, 213) }
```

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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