

Converting Colors

YIQ(212.9450, -24.5300, 4.0300)

Have a look what the booklet for
YIQ(212.9450, -24.5300, 4.0300)
contains.

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Color

**YIQ(212.9450, -24.5300,
4.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D9F7
RGB	192, 217, 247
RGB Percent	75%, 85%, 97%
CMY	0.2471, 0.1490, 0.0315
CMYK	0.22, 0.12, 0.00, 0.03
HSL	213°, 77%, 86%
HSV	213°, 22%, 97%
XYZ	63.3349, 67.5498, 97.6711
YIQ	212.9450, -24.5300, 4.0300

Conversions

Conversions Part 2

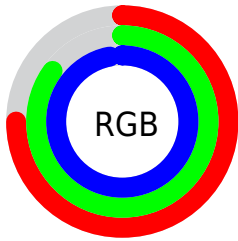
Format	Color
RYB	192, 209, 247
Decimal	12638711
CIELab	85.78, -1.99, -17.40
CIElCh	86, 17.514, 263.481
Yxy	67.5498, 0.2771, 0.2956
Android (android.graphics.Color)	4290828791 (0xFFC0D9F7)
YUV	212.9450, 16.7891, -18.3688
Hunter-Lab	82.1887, -6.2773, -12.9268

Details

The YIQ color $212.9450, -24.5300, 4.0300$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $226.0550, 24.5300, -4.0300$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2060, -3.5760, -1.2720$, and $158.1300, -23.6130, 3.9310$ is the 20% darker color. If you saturate the color by 10%, you get $197.8390, -35.8550, 5.5290$, and if you desaturate by 10%, it is $228.0510, -13.2050, 2.5310$.

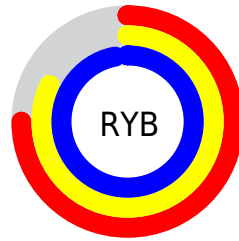
Distribution



Red (75%)

Green (85%)

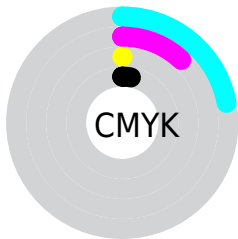
Blue (97%)



Red (75%)

Yellow (82%)

Blue (97%)

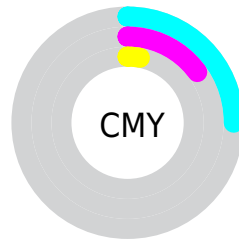


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (3%)



Cyan (25%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9450, -24.5300, 4.0300 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 212.9450, -24.5300, 4.0300 by changing the saturation by 10% instead.

■ 212.9450,
-24.5300, 4.0300

■ 212.9450,
-24.5300, 4.0300

■ 255.0000, -0.0000,
-0.0000

■ 184.8310,
-24.2090, 3.7190

■ 253.2060, -3.5760,
-1.2720

■ 158.1300,
-23.6130, 3.9310

■ 131.9020,
-22.9710, 3.3090

■ 106.4890,
-23.2460, 2.7860

■ 81.7880, -22.6500,
2.9980

■ 57.9620, -23.2000,
1.9520

■ 34.6520, -25.2630,

0.7930

■ 17.1150, -19.2570,
2.0790

■ 2.9810, -7.0160,
6.0080

■ 212.9450,
-24.5300, 4.0300

■ 212.9450,
-24.5300, 4.0300

■ 197.8390,
-35.8550, 5.5290

■ 228.0510,
-13.2050, 2.5310

■ 182.4450,
-46.3090, 7.7630

■ 243.4450, -2.7510,
0.2970

■ 167.3390,
-57.6340, 9.2620

■ 254.0880, 2.5680,
-2.4880

■ 151.6460,
-68.6840, 11.2840

■ 136.8390,
-79.4130, 12.9950

■ 121.1460,
-90.4630, 15.0170

■ 106.0400,
-101.7880, 16.5160

■ 93.9020,
-110.0870, 18.2410

Harmonies

Analogous

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



210.2980, -33.1940, -4.1540



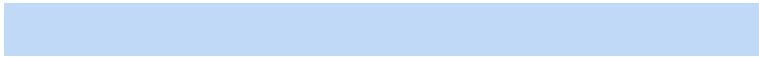
212.9450, -24.5300, 4.0300



215.4740, -9.7220, 10.9980

Triad

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



212.9450, -24.5300, 4.0300



217.5260, 28.0580, 9.1300



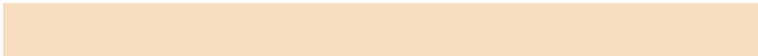
210.7350, -7.1040, -14.4320

Complementary

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



212.9450, -24.5300, 4.0300



226.0550, 24.5300, -4.0300

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.



212.3410, 8.8050, -10.8990



212.9450, -24.5300, 4.0300



215.8970, 28.1510, 1.9350

Square

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



212.9450, -24.5300, 4.0300



217.6810, 20.4920, 14.0920



214.2610, 20.9540, -5.3020



208.9490, -22.3260, -13.8940

Rectangle

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



212.9450, -24.5300, 4.0300



217.2150, 1.3730, 13.6690



214.2610, 20.9540, -5.3020



210.8990, -1.6940, -13.3580

Sweetspot

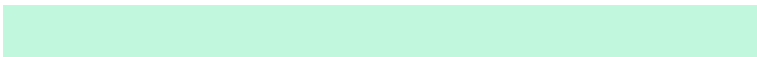
The Sweet Spot groups the original color and five complimentary colors.



212.9450, -24.5300, 4.0300



243.7480, -7.9780, 1.4140



227.5910, -24.4340, -19.7460



121.1890, -4.9060, 0.8060



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.



212.9450, -24.5300, 4.0300



212.0630, -30.6740, 5.2460



198.8680, -16.4630, 17.5290



114.8900, -5.5020, 0.5940



71.0990, -83.0810, 13.3910



22.5750, -26.3640, 4.2280

Inverse Universe

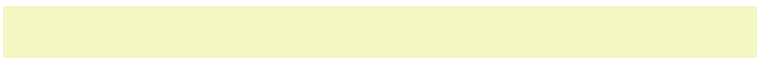
The Inverse Universe completely reimagines the original color for something new.



211.2950, 24.7550, 19.4350



210.1650, 31.1730, 24.2690



240.1320, 16.4630, -17.5290



114.2720, 5.2260, 4.4100



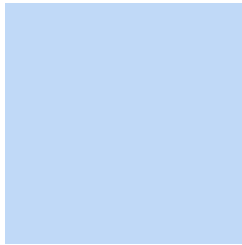
65.3040, 83.5710, 65.8670



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 212.9450, -24.5300, 4.0300 looks on a white background.

Color Contrast Check

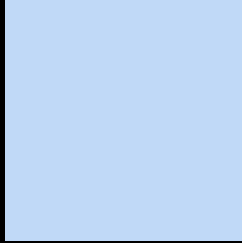
Large Text (above 18pt) WCAG AA × Fail

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 212.9450, -24.5300, 4.0300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

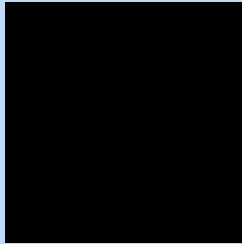
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

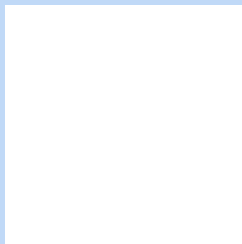
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.9450, -24.5300, 4.0300

Background



This preview shows how black text looks on a background with the YIQ color 212.9450, -24.5300, 4.0300.



This preview shows how white text looks on a background with the YIQ color 212.9450, -24.5300,

4.0300.

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

212.9450, -24.5300, 4.0300

Protanopia

214.7510, -12.0600, 9.3160

Deuteranopia

216.2510, -7.4760, 14.3480



Tritanopia

212.2670, -22.7410, -0.8610

Trichromacy



Original Color

212.9450, -24.5300, 4.0300

Protanomaly

214.2450, -16.5070, 7.3090

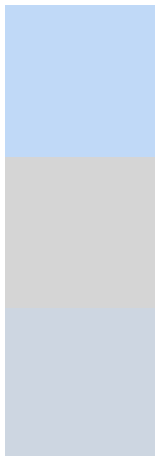
Deuteranomaly

215.2070, -13.3440, 10.5600

Tritanomaly

212.4350, -23.1540, 1.1180

Monochromacy



Original Color

212.9450, -24.5300, 4.0300

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.5630, -8.8950, 1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9450, -24.5300, 4.0300 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(192, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 247)  
}
```

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(192, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 247) }
```

Border

The CSS property to change the border of an element to YIQ 212.9450, -24.5300, 4.0300 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(192, 217, 247) }
```


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

```
.border{ border-color:rgb(192, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9450, -24.5300, 4.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 247) }
```

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

```
.background{ background-color: rgb(192,  
217, 247) }
```

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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