

Converting Colors

YIQ(204.1550, -24.7610,
13.7270)

Have a look what the booklet for
YIQ(204.1550, -24.7610, 13.7270)
contains.

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Color

**YIQ(204.1550, -24.7610,
13.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDCAFF</code>
RGB	189, 202, 255
RGB Percent	74%, 79%, 100%
CMY	0.2588, 0.2078, 0.0001
CMYK	0.26, 0.21, 0.00, 0.00
HSL	228°, 100%, 87%
HSV	228°, 26%, 100%
XYZ	60.1525, 60.2803, 103.0426
YIQ	204.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

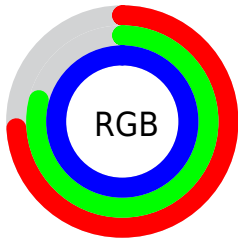
Format	Color
R _Y B	189, 200, 255
Decimal	12438271
CIE Lab	81.99, 6.91, -27.41
CIE LCh	82, 28.267, 284.148
Yxy	60.2803, 0.2692, 0.2697
Android (android.graphics.Color)	4290628351 (0xFFBDCAFF)
YUV	204.1550, 25.0666, -13.2909
Hunter-Lab	77.6404, 2.4237, -24.3401

Details

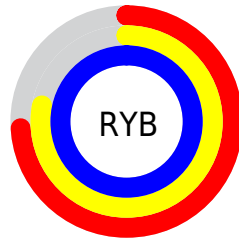
The YIQ color $204.1550, -24.7610, 13.7270$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $239.8450, 24.7610, -13.7270$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.3090, -5.3640, -1.9080$, and $149.5140, -24.3940, 12.5820$ is the 20% darker color. If you saturate the color by 10%, you get $184.9400, -34.1610, 18.8870$, and if you desaturate by 10%, it is $223.6690, -14.7650, 8.7790$.

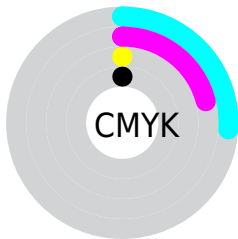
Distribution



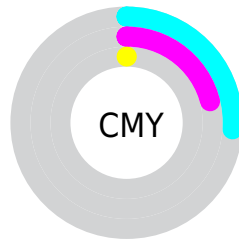
- Red (74%)
- Green (79%)
- Blue (100%)



- Red (74%)
- Yellow (78%)
- Blue (100%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.1550, -24.7610, 13.7270 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 204.1550, -24.7610, 13.7270 by changing the saturation by 10% instead.

■ 204.1550,
-24.7610, 13.7270

■ 204.1550,
-24.7610, 13.7270

■ 255.0000, -0.0000,
-0.0000

■ 176.6280,
-24.7150, 12.8930

■ 252.3090, -5.3640,
-1.9080

■ 149.5140,
-24.3940, 12.5820

■ 123.4000,
-24.0730, 12.2710

■ 98.4600, -24.3020,
10.9140

■ 73.9330, -24.2560,
10.0800

■ 50.3950, -25.6770,
8.2990

■ 26.0630, -30.6740,

5.2460

■ 8.2930, -16.4620,
12.0020

■ 3.5510, -8.6210,
7.5630

■ 204.1550,
-24.7610, 13.7270

■ 204.1550,
-24.7610, 13.7270

■ 184.9400,
-34.1610, 18.8870

■ 223.6690,
-14.7650, 8.7790

■ 164.8390,
-43.8820, 24.3580

■ 243.4710, -5.6400,
3.0960

■ 145.6240,
-53.2820, 29.5180

255.0000, -0.0000,
-0.0000

■ 125.5230,
-63.0030, 34.9890

■ 106.3080,
-72.4030, 40.1490

■ 86.2070, -82.1240,
45.6200

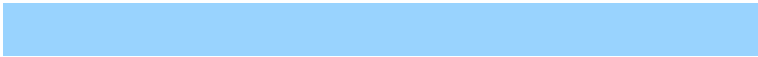
■ 66.9920, -91.5240,
50.7800

■ 58.4200, -95.6050,
53.1550

Harmonies

Analogous

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



198.5600, -48.3710, 1.0770



204.1550, -24.7610, 13.7270



207.8550, 2.7470, 21.8110

Triad

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



204.1550, -24.7610, 13.7270



205.7420, 44.8850, 7.0370



194.6610, -30.6230, -23.2230

Complementary

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



204.1550, -24.7610, 13.7270



239.8450, 24.7610, -13.7270

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.



197.9600, -3.6640, -21.7120



204.1550, -24.7610, 13.7270



203.6450, 37.3680, -5.4160

Square

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



204.1550, -24.7610, 13.7270



206.7280, 39.4730, 17.0170



201.3390, 20.3140, -15.7340



192.0470, -52.0810, -19.8010

Rectangle

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



204.1550, -24.7610, 13.7270



208.4070, 18.7480, 23.6760



201.3390, 20.3140, -15.7340



195.7390, -22.0950, -23.5910

Sweetspot

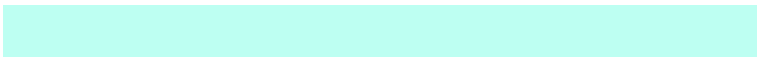
The Sweet Spot groups the original color and five complimentary colors.



204.1550, -24.7610, 13.7270



239.6280, -7.5200, 4.1280



233.7840, -35.1630, -18.0350



117.6560, -4.7230, 2.9970



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.



204.1550, -24.7610, 13.7270



194.3980, -29.7590, 16.2010



202.5040, -9.2660, 24.7660



117.6560, -4.7230, 2.9970



44.0800, -71.7610, 39.5270



14.9270, -24.1190, 13.1050

Inverse Universe

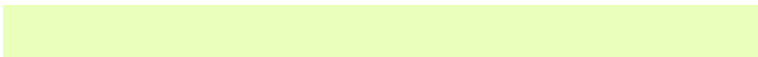
The Inverse Universe completely reimagines the original color for something new.



210.2160, 35.1630, 18.0350



201.4450, 41.9480, 21.7240



241.4960, 9.2660, -24.7660



119.1150, 7.1060, 3.3780



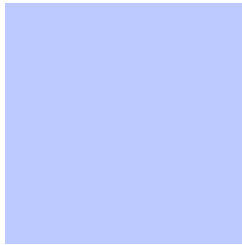
61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 204.1550, -24.7610, 13.7270 looks on a white background.

Color Contrast Check

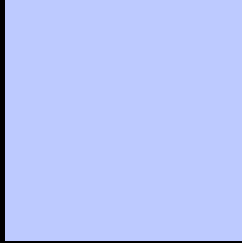
Large Text (above 18pt) WCAG AA × Fail

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 204.1550, -24.7610, 13.7270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

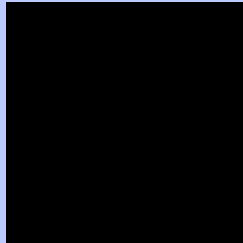
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.1550, -24.7610, 13.7270

Background



This preview shows how black text looks on a background with the YIQ color 204.1550, -24.7610, 13.7270.



This preview shows how white text looks on a background with the YIQ color 204.1550, -24.7610, 13.7270.

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

204.1550, -24.7610, 13.7270

Protanopia

204.7530, -23.5690, 14.1510

Deuteranopia

205.3730, -19.4430, 16.4690



Tritanopia

202.3490, -20.0360, -0.3240

Trichromacy



Original Color

204.1550, -24.7610, 13.7270

Protanomaly

204.4540, -24.1650, 13.9390

Deuteranomaly

205.0630, -21.5060, 15.3100

Tritanomaly

203.0270, -21.8250, 4.5670

Monochromacy



Original Color

204.1550, -24.7610, 13.7270

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.0840, -8.8040, 5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.1550, -24.7610, 13.7270 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(189, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 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(189, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 255) }
```

Border

The CSS property to change the border of an element to YIQ 204.1550, -24.7610, 13.7270 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(189, 202, 255) }
```


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

```
.border{ border-color:rgb(189, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 204.1550, -24.7610, 13.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 255) }
```

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

```
.background{ background-color: rgb(189,  
202, 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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