

Converting Colors

YIQ(138.7450, -19.9500,
31.1700)

Have a look what the booklet for
YIQ(138.7450, -19.9500, 31.1700)
contains.

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Color

**YIQ(138.7450, -19.9500,
31.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7CD6
RGB	139, 124, 214
RGB Percent	55%, 49%, 84%
CMY	0.4548, 0.5137, 0.1609
CMYK	0.35, 0.42, 0.00, 0.16
HSL	250°, 52%, 66%
HSV	250°, 42%, 84%
XYZ	29.9910, 24.7579, 66.7910
YIQ	138.7450, -19.9500, 31.1700

Conversions

Conversions Part 2

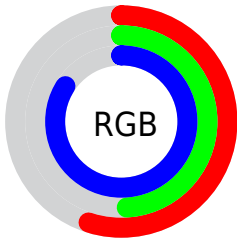
Format	Color
R _{YB}	139, 124, 214
Decimal	9141462
CIE Lab	56.84, 26.44, -44.35
CIE LCh	57, 51.633, 300.800
Yxy	24.7579, 0.2468, 0.2037
Android (android.graphics.Color)	4287331542 (0xFF8B7CD6)
YUV	138.7450, 37.1007, 0.2236
Hunter-Lab	49.7573, 20.5150, -44.7570

Details

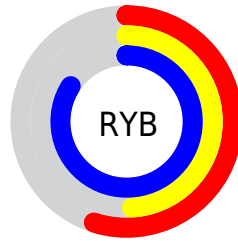
The YIQ color $138.7450, -19.9500, 31.1700$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $199.2550, 19.9500, -31.1700$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.2740, -14.3100, 28.0740$, and $87.5660, -21.0040, 28.2440$ is the 20% darker color. If you saturate the color by 10%, you get $121.0360, -24.9030, 38.3370$, and if you desaturate by 10%, it is $156.4540, -14.9970, 24.0030$.

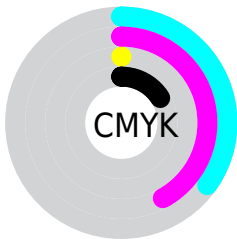
Distribution



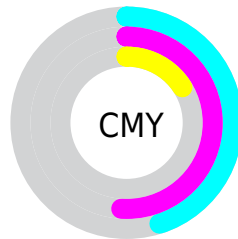
- Red (55%)
- Green (49%)
- Blue (84%)



- Red (55%)
- Yellow (49%)
- Blue (84%)



- Cyan (35%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7450, -19.9500, 31.1700 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 138.7450, -19.9500, 31.1700 by changing the saturation by 10% instead.

■ 138.7450,
-19.9500, 31.1700

■ 138.7450,
-19.9500, 31.1700

■ 255.0000, -0.0000,
-0.0000

■ 112.8050,
-20.1790, 29.8130

■ 191.2740,
-14.3100, 28.0740

■ 87.5660, -21.0040,
28.2440

■ 215.7940, -4.4510,
20.1010

■ 62.9140, -22.1040,
26.1520

■ 240.9010, 5.1330,
11.6050

■ 38.9520, -25.2670,
22.9010

■ 15.2180, -29.0720,
20.2720

■ 6.6120, -18.6180,
18.0380

■ 5.1640, -11.7850,

9.8390

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 138.7450,
-19.9500, 31.1700

■ 138.7450,
-19.9500, 31.1700

■ 121.0360,
-24.9030, 38.3370

■ 156.4540,
-14.9970, 24.0030

■ 102.7400,
-29.5810, 46.0270

■ 174.7500,
-10.3190, 16.3130

■ 85.3300, -33.9380,
53.4060

■ 192.1600, -5.9620,
8.9340

■ 67.0340, -38.6160,
61.0960

■ 210.4560, -1.2840,
1.2440

■ 49.3250, -43.5690,
68.2630

■ 228.1650, 3.6690,
-5.9230

■ 35.1600, -47.2380,
74.1860

■ 245.8740, 8.6220,
-13.0900

■ 250.3260, 13.1610,
-12.7510

Harmonies

Analogous

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



116.0060, -96.4210, 1.8430



138.7450, -19.9500, 31.1700



140.2640, 27.1810, 41.5570

Triad

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



138.7450, -19.9500, 31.1700



134.0690, 65.4730, -2.6470



108.2500, -87.1060, -40.3380

Complementary

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



138.7450, -19.9500, 31.1700



199.2550, 19.9500, -31.1700

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.



115.5970, -42.9070, -42.8990



138.7450, -19.9500, 31.1700



130.9440, 45.9910, -24.0330

Square

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



138.7450, -19.9500, 31.1700



134.4730, 71.1080, 21.8920



126.5310, 10.1850, -35.9190



113.3800, -101.5510, -26.3430

Rectangle

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



138.7450, -19.9500, 31.1700



137.3560, 50.2890, 41.2730



126.5310, 10.1850, -35.9190



105.9530, -82.0160, -44.4800

Sweetspot

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



138.7450, -19.9500, 31.1700



227.2570, -7.6130, 11.3230



178.2850, -49.5150, -11.2350



110.5900, -4.3570, 7.3790



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.



138.7450, -19.9500, 31.1700



148.7570, -28.2510, 43.9490



152.2000, 6.8700, 40.7100



97.8520, -2.3390, 3.8450



28.1650, -37.6070, 59.3290



6.9950, -9.6310, 14.8570

Inverse Universe

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



159.4600, 29.5650, 42.4050



178.0570, 41.6660, 59.8900



185.8000, -6.8700, -40.7100



100.3150, 3.6670, 5.1310



67.3170, 56.3340, 80.4140



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 138.7450, -19.9500, 31.1700 looks on a white background.

Color Contrast Check

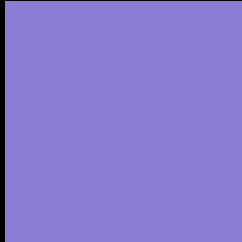
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7450, -19.9500, 31.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

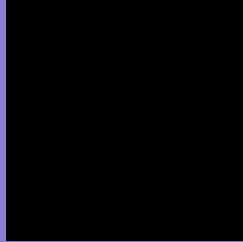
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.7450, -19.9500, 31.1700

Background



This preview shows how black text looks on a background with the YIQ color 138.7450, -19.9500, 31.1700.



This preview shows how white text looks on a background with the YIQ color 138.7450, -19.9500,

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

138.7450, -19.9500, 31.1700

Protanopia

133.5780, -47.6410, 20.8950

Deuteranopia

133.1880, -46.7230, 15.2690



Tritanopia

135.3670, -11.2790, 0.6650

Trichromacy



Original Color

138.7450, -19.9500, 31.1700

Protanomaly

135.6610, -37.5090, 24.4990

Deuteranomaly

135.4390, -37.0040, 20.8520

Tritanomaly

136.6630, -14.6280, 11.8040

Monochromacy



Original Color

138.7450, -19.9500, 31.1700

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1430, -7.2920, 11.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7450, -19.9500, 31.1700 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(139, 124, 214)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 214)  
}
```

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(139, 124, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 214) }
```

Border

The CSS property to change the border of an element to YIQ 138.7450, -19.9500, 31.1700 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(139, 124, 214) }
```


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

```
.border{ border-color:rgb(139, 124, 214) }
```

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

Here you see how a box with a 4 pixel rgb(139, 124, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 214);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7450, -19.9500, 31.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 214) }
```

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

```
.background{ background-color: rgb(139,  
124, 214) }
```

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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