

Converting Colors

YIQ(135.6140, -3.7640, 24.1720)

Have a look what the booklet for
YIQ(135.6140, -3.7640, 24.1720)
contains.

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Color

**YIQ(135.6140, -3.7640,
24.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	9379B5
RGB	147, 121, 181
RGB Percent	58%, 47%, 71%
CMY	0.4234, 0.5255, 0.2903
CMYK	0.19, 0.33, 0.00, 0.29
HSL	266°, 29%, 59%
HSV	266°, 33%, 71%
XYZ	27.2121, 23.2131, 46.7540
YIQ	135.6140, -3.7640, 24.1720

Conversions

Conversions Part 2

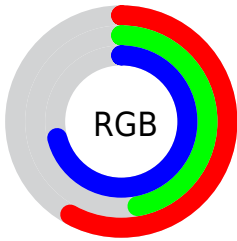
Format	Color
RYB	147, 121, 181
Decimal	9664949
CIELab	55.29, 22.25, -27.97
CIELCh	55, 35.743, 308.505
Yxy	23.2131, 0.2800, 0.2389
Android (android.graphics.Color)	4287855029 (0xFF9379B5)
YUV	135.6140, 22.3753, 9.9855
Hunter-Lab	48.1799, 16.5022, -23.8093

Details

The YIQ color $135.6140, -3.7640, 24.1720$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $166.3860, 3.7640, -24.1720$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $189.5540, -3.5350, 25.5290$, and $85.2610, -4.2680, 22.2920$ is the 20% darker color. If you saturate the color by 10%, you get $122.0580, -4.7740, 31.4660$, and if you desaturate by 10%, it is $149.1700, -2.7540, 16.8780$.

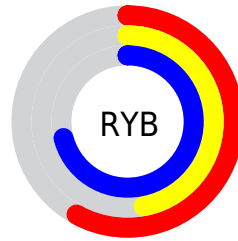
Distribution



Red (58%)

Green (47%)

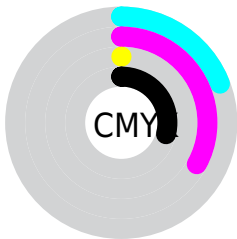
Blue (71%)



Red (58%)

Yellow (47%)

Blue (71%)

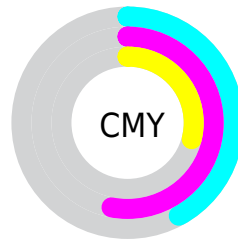


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (53%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6140, -3.7640, 24.1720 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 135.6140, -3.7640, 24.1720 by changing the saturation by 10% instead.

■ 135.6140, -3.7640,
24.1720

■ 135.6140, -3.7640,
24.1720

■ 255.0000, -0.0000,
-0.0000

■ 110.0870, -3.7180,
23.3380

■ 189.5540, -3.5350,
25.5290

■ 85.2610, -4.2680,
22.2920

■ 215.8270, -0.0500,
22.9420

■ 61.7340, -4.2220,
21.4580

■ 239.7380, 7.1500,
13.5980

■ 39.3810, -4.7260,
19.5780

■ 16.3810, -4.7260,
19.5780

■ 3.7620, -10.5930,
10.2630

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 135.6140, -3.7640,
24.1720

■ 135.6140, -3.7640,
24.1720

■ 122.0580, -4.7740,
31.4660

■ 149.1700, -2.7540,
16.8780

■ 108.5020, -5.7840,
38.7600

■ 163.0250, -1.1480,
9.7960

■ 94.6470, -7.3900,
45.8420

■ 176.5810, -0.1380,
2.5020

■ 81.0910, -8.4000,
53.1360

■ 190.1370, 0.8720,
-4.7920

■ 66.9480, -9.1350,
60.9530

■ 203.6930, 1.8820,
-12.0860

■ 53.3920, -10.1450,
68.2470

■ 217.8360, 2.6170,
-19.9030

■ 44.2550, -11.0170,
73.0390

■ 231.6910, 4.2230,
-26.9850

■ 238.7900, 8.2580,
-28.5260

■ 241.7800, 14.2180,
-26.4060

Harmonies

Analogous

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



129.9730, -38.9280, 11.6640



135.6140, -3.7640, 24.1720



136.1630, 25.4870, 28.1990

Triad

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



135.6140, -3.7640, 24.1720



131.8800, 44.0160, -4.7520



103.4230, -85.9150, -34.3870

Complementary

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



135.6140, -3.7640, 24.1720



166.3860, 3.7640, -24.1720

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.



119.3460, -34.2900, -28.3540



135.6140, -3.7640, 24.1720



128.8080, 26.1830, -17.4730

Square

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



135.6140, -3.7640, 24.1720



132.7860, 50.7530, 10.8250



125.7060, -0.1330, -25.1330



105.6690, -94.9950, -24.0110

Rectangle

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



135.6140, -3.7640, 24.1720



135.2970, 39.6090, 25.5690



125.7060, -0.1330, -25.1330



110.9650, -63.9540, -30.4020

Sweetspot

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



135.6140, -3.7640, 24.1720



216.7260, -1.7440, 9.5840



147.7980, -28.6100, 0.8780



106.3900, -0.9180, 5.6260



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



135.6140, -3.7640, 24.1720



163.6760, -6.3340, 37.7140



144.5840, 14.1160, 30.5320



82.2220, -0.5050, 3.6470



37.1760, -9.7770, 61.5750



6.2530, -1.7900, 10.4180

Inverse Universe

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



142.8160, 24.8460, 23.2940



175.1480, 39.0110, 36.4110



157.4160, -14.1160, -30.5320



83.2610, 3.7590, 3.4630



55.6650, 63.2610, 59.4930



9.3700, 11.0020, 9.8660

Previews

White Background



This preview shows how the YIQ color 135.6140, -3.7640, 24.1720 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 135.6140, -3.7640, 24.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

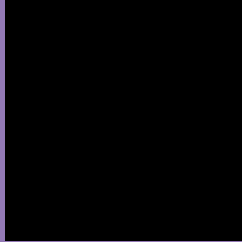
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6140, -3.7640, 24.1720

Background



This preview shows how black text looks on a background with the YIQ color 135.6140, -3.7640, 24.1720.



This preview shows how white text looks on a background with the YIQ color 135.6140, -3.7640,

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

135.6140, -3.7640, 24.1720

Protanopia

132.4150, -28.4290, 14.1230

Deuteranopia

132.8840, -22.5600, 12.3840



Tritanopia

133.4290, 3.3460, 5.4420

Trichromacy



Original Color

135.6140, -3.7640, 24.1720

Protanomaly

133.3130, -19.2140, 17.8260

Deuteranomaly

133.6400, -15.8210, 16.9070

Tritanomaly

134.2750, 1.1440, 12.3120

Monochromacy



Original Color

135.6140, -3.7640, 24.1720

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0850, -1.3770, 8.4390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6140, -3.7640, 24.1720 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(147, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 181)  
}
```

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(147, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 181) }
```

Border

The CSS property to change the border of an element to YIQ 135.6140, -3.7640, 24.1720 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(147, 121, 181) }
```


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

```
.border{ border-color:rgb(147, 121, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 121, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(147, 121,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6140, -3.7640, 24.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 181) }
```

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

```
.background{ background-color: rgb(147,  
121, 181) }
```

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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