

Converting Colors

YIQ(126.1720, -40.6260,
20.4140)

Have a look what the booklet for
YIQ(126.1720, -40.6260, 20.4140)
contains.

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Color

**YIQ(126.1720, -40.6260,
20.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	647CCE
RGB	100, 124, 206
RGB Percent	39%, 49%, 81%
CMY	0.6078, 0.5137, 0.1924
CMYK	0.51, 0.40, 0.00, 0.19
HSL	226°, 52%, 60%
HSV	226°, 51%, 81%
XYZ	23.5979, 21.5806, 61.2777
YIQ	126.1720, -40.6260, 20.4140

Conversions

Conversions Part 2

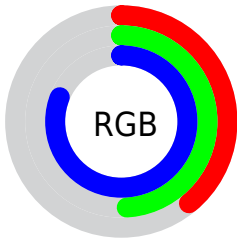
Format	Color
R_{YB}	100, 120, 206
Decimal	6585550
CIE _{Lab}	53.58, 14.34, -45.16
CIE _{LCh}	54, 47.384, 287.622
Yxy	21.5806, 0.2217, 0.2027
Android (android.graphics.Color)	4284775630 (0xFF647CCE)
YUV	126.1720, 39.3552, -22.9528
Hunter-Lab	46.4549, 9.3774, -45.6899

Details

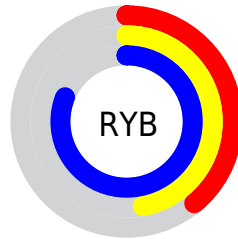
The YIQ color $126.1720, -40.6260, 20.4140$ is a dark color, and the websafe version is hex $6699FF$. A complement of this color would be $179.8280, 40.6260, -20.4140$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.3250, -36.6830, 20.5410$, and $73.7860, -45.5310, 15.6930$ is the 20% darker color. If you saturate the color by 10%, you get $110.5010, -48.7420, 24.3300$, and if you desaturate by 10%, it is $141.8430, -32.5100, 16.4980$.

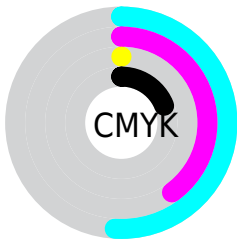
Distribution



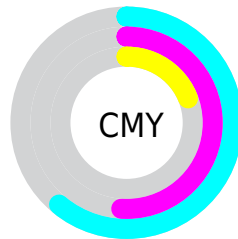
- Red (39%)
- Green (49%)
- Blue (81%)



- Red (39%)
- Yellow (47%)
- Blue (81%)



- Cyan (51%)
- Magenta (40%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (51%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.1720, -40.6260, 20.4140 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 126.1720, -40.6260, 20.4140 by changing the saturation by 10% instead.

■ 126.1720,
-40.6260, 20.4140

■ 126.1720,
-40.6260, 20.4140

■ 255.0000, -0.0000,
-0.0000

■ 99.6340, -42.0470,
18.6330

■ 179.3250,
-36.6830, 20.5410

■ 73.7860, -45.5310,
15.6930

■ 204.1330,
-27.6950, 11.8330

■ 45.3610, -54.7000,
11.1560

■ 229.2400,
-18.1110, 3.3370

■ 30.6570, -40.8540,
13.5300

■ 251.7110, -6.5560,
-2.3320

■ 14.4200, -26.8250,
18.0950

■ 8.2760, -17.7920,
14.0800

■ 4.4800, -9.8590,

7.9730

■ 0.0000, 0.0000,
0.0000

■ 126.1720,
-40.6260, 20.4140

■ 126.1720,
-40.6260, 20.4140

■ 110.5010,
-48.7420, 24.3300

■ 141.8430,
-32.5100, 16.4980

■ 95.1290, -56.2620,
28.4580

■ 157.2150,
-24.9900, 12.3700

■ 79.4580, -64.3780,
32.3740

■ 172.8860,
-16.8740, 8.4540

■ 64.0860, -71.8980,
36.5020

■ 188.2580, -9.3540,
4.3260

■ 51.0730, -79.0510,
39.4850

■ 203.9290, -1.2380,
0.4100

■ 219.6000, 6.8780,
-3.5060

■ 234.9720, 14.3980,
-7.6340

■ 247.0660, 16.8290,
-13.1470

■ 249.4140, 15.7290,
-15.2390

Harmonies

Analogous

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



104.0170, -104.1220, -7.2740



126.1720, -40.6260, 20.4140



131.8100, 7.7880, 35.0840

Triad

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



126.1720, -40.6260, 20.4140



126.3220, 63.6830, 7.7710



98.7150, -75.4140, -42.9820

Complementary

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



126.1720, -40.6260, 20.4140



179.8280, 40.6260, -20.4140

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.



115.2540, -13.8400, -35.5360



126.1720, -40.6260, 20.4140



124.9050, 50.8950, -13.7850

Square

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



126.1720, -40.6260, 20.4140



127.6710, 61.9830, 27.5750



121.1740, 24.6720, -28.6400



104.0900, -89.1710, -30.4430

Rectangle

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



126.1720, -40.6260, 20.4140



130.7930, 32.8210, 38.4610



121.1740, 24.6720, -28.6400



104.3060, -55.1490, -41.3010

Sweetspot

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



126.1720, -40.6260, 20.4140



226.0280, -14.3980, 7.6340



171.4560, -55.1510, -30.2470



110.5570, -8.7580, 4.5380



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.



126.1720, -40.6260, 20.4140



136.1440, -60.6180, 30.3100



120.4560, -17.3380, 38.9020



94.3140, -3.7600, 2.0640



41.2300, -63.7360, 31.7520



9.6150, -14.6730, 7.1110

Inverse Universe

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



134.4300, 55.4720, 29.9360



148.3460, 82.6120, 44.6920



185.5440, 17.3380, -38.9020



95.2180, 5.3180, 2.7420



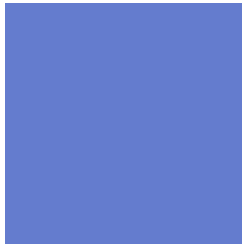
53.9660, 86.7380, 47.0100



12.3880, 19.7590, 10.8550

Previews

White Background



This preview shows how the YIQ color 126.1720, -40.6260, 20.4140 looks on a white background.

Color Contrast Check

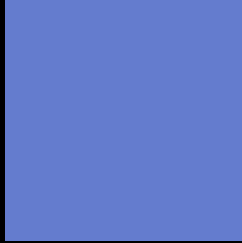
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.1720, -40.6260, 20.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

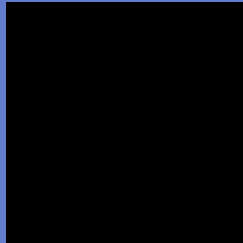
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1720, -40.6260, 20.4140

Background



This preview shows how black text looks on a background with the YIQ color 126.1720, -40.6260, 20.4140.

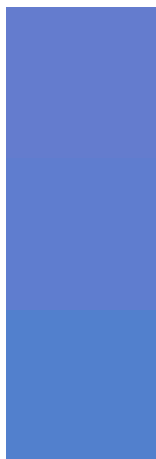


This preview shows how white text looks on a background with the YIQ color 126.1720, -40.6260,

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

126.1720, -40.6260, 20.4140

Protanopia

125.3780, -44.2020, 19.1420

Deuteranopia

123.0240, -52.1330, 14.1950



Tritanopia

120.8090, -36.3110, -8.2390

Trichromacy



Original Color

126.1720, -40.6260, 20.4140

Protanomaly

125.9760, -43.0100, 19.5660

Deuteranomaly

124.5300, -47.6860, 16.2020

Tritanomaly

122.9480, -37.7800, 1.8680

Monochromacy



Original Color

126.1720, -40.6260, 20.4140

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0280, -14.3980, 7.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1720, -40.6260, 20.4140 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(100, 124, 206)` looks like.

```
.text, #text, p{  
    color:rgb(100, 124, 206)  
}
```

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(100, 124, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 124, 206) }
```

Border

The CSS property to change the border of an element to YIQ 126.1720, -40.6260, 20.4140 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(100, 124, 206) }
```


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

```
.border{ border-color:rgb(100, 124, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 124, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 124, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 124, 206);  
box-shadow:4px 4px 4px 4px rgb(100, 124,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1720, -40.6260, 20.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 124, 206) }
```

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

```
.background{ background-color: rgb(100,  
124, 206) }
```

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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