

Converting Colors

YIQ(119.7640, -65.6600,
22.5640)

Have a look what the booklet for
YIQ(119.7640, -65.6600, 22.5640)
contains.

YIQ(119.7640, -65.6600, 22.5640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.7640, -65.6600,
22.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	477BE7
RGB	71, 123, 231
RGB Percent	28%, 48%, 91%
CMY	0.7216, 0.5176, 0.0945
CMYK	0.69, 0.47, 0.00, 0.09
HSL	220°, 77%, 59%
HSV	220°, 69%, 91%
XYZ	24.0946, 21.2750, 78.3729
YIQ	119.7640, -65.6600, 22.5640

Conversions

Conversions Part 2

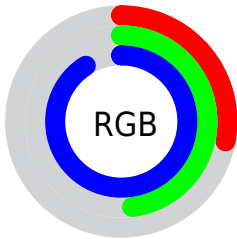
Format	Color
R_{YB}	71, 110, 231
Decimal	4684775
CIE _{Lab}	53.25, 17.96, -59.84
CIE _{LCh}	53, 62.479, 286.702
Yxy	21.2750, 0.1947, 0.1719
Android (android.graphics.Color)	4282874855 (0xFF477BE7)
YUV	119.7640, 54.8393, -42.7660
Hunter-Lab	46.1249, 12.5259, -68.4550

Details

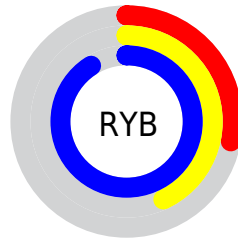
The YIQ color **119.7640, -65.6600, 22.5640** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **182.2360, 65.6600, -22.5640**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4590, -48.9240, 16.6120**, and **63.9750, -76.8000, 15.2000** is the 20% darker color. If you saturate the color by 10%, you get **103.4950, -74.9680, 26.0560**, and if you desaturate by 10%, it is **136.0330, -56.3520, 19.0720**.

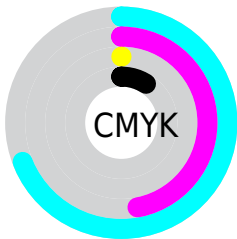
Distribution



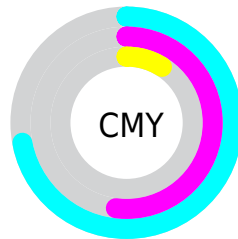
- Red (28%)
- Green (48%)
- Blue (91%)



- Red (28%)
- Yellow (43%)
- Blue (91%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (9%)



- Cyan (72%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.7640, -65.6600, 22.5640 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 119.7640, -65.6600, 22.5640 by changing the saturation by 10% instead.

■ 119.7640,
-65.6600, 22.5640

■ 119.7640,
-65.6600, 22.5640

■ 255.0000, -0.0000,
-0.0000

■ 88.6160, -77.1670,
16.3450

■ 172.4590,
-48.9240, 16.6120

■ 63.8610, -76.4790,
14.8890

■ 197.2780,
-38.4690, 8.8510

■ 47.8690, -61.7620,
17.9980

■ 222.9830,
-27.6930, 0.7790

■ 33.7520, -48.1910,
19.8490

■ 246.6280,
-16.6880, -5.9360

■ 17.8740, -33.7950,
23.2690

■ 12.7900, -24.9910,
17.8970

■ 7.7060, -16.1870,

12.5250

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 119.7640,
-65.6600, 22.5640

■ 119.7640,
-65.6600, 22.5640

■ 103.4950,
-74.9680, 26.0560

■ 136.0330,
-56.3520, 19.0720

■ 87.8130, -84.5510,
29.0250

■ 151.7150,
-46.7690, 16.1030

■ 71.5440, -93.8590,
32.5170

■ 167.9840,
-37.4610, 12.6110

■ 70.3590, -94.7760,
32.6160

■ 183.6660,
-27.8780, 9.6420

■ 199.9350,
-18.5700, 6.1500

■ 215.9160, -8.3910,
3.3930

■ 232.1850, 0.9170,
-0.0990

■ 248.1550, 9.6290,
-3.8030

■ 252.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



108.6280, -112.9720, -1.0680



119.7640, -65.6600, 22.5640



130.4870, 7.7400, 46.9720

Triad

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



119.7640, -65.6600, 22.5640



122.1840, 81.7470, 10.7950



99.5640, -73.6710, -47.0390

Complementary

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



119.7640, -65.6600, 22.5640



182.2360, 65.6600, -22.5640

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.



107.8150, -20.3940, -48.9220



119.7640, -65.6600, 22.5640



119.5200, 70.6120, -24.2040

Square

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



119.7640, -65.6600, 22.5640



120.9280, 80.7330, 40.1970



115.7340, 37.0540, -43.7940



107.1220, -92.1970, -30.6690

Rectangle

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



119.7640, -65.6600, 22.5640



127.4280, 41.7590, 52.6950



115.7340, 37.0540, -43.7940



96.8110, -67.2970, -52.4250

Sweetspot

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



119.7640, -65.6600, 22.5640



217.7220, -22.2840, 7.3800



177.1180, -78.3470, -50.4030



105.5180, -13.0220, 4.7220



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.



119.7640, -65.6600, 22.5640



107.6710, -87.0270, 29.8450



97.3130, -35.2680, 55.4840



106.7160, -4.9520, 1.6400



54.4520, -73.4090, 25.3350



15.7930, -21.0460, 6.9700

Inverse Universe

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



124.7680, 78.6680, 50.0920



114.2540, 104.2030, 66.4030



204.6870, 35.2680, -55.4840



107.0440, 5.8680, 3.7880



60.1330, 88.0660, 55.9860



17.1870, 24.9390, 16.0990

Previews

White Background



This preview shows how the YIQ color 119.7640, -65.6600, 22.5640 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 119.7640, -65.6600, 22.5640 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

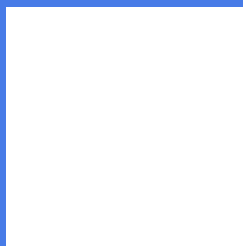
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.7640, -65.6600, 22.5640

Background



This preview shows how black text looks on a background with the YIQ color 119.7640, -65.6600, 22.5640.



This preview shows how white text looks on a background with the YIQ color 119.7640, -65.6600,

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

119.7640, -65.6600, 22.5640

Protanopia

120.3620, -64.4680, 22.9880

Deuteranopia

101.7150, -108.6630, 3.4410



Tritanopia

99.3940, -86.9710, -26.2590

Trichromacy



Original Color

119.7640, -65.6600, 22.5640

Protanomaly

120.0630, -65.0640, 22.7760

Deuteranomaly

108.4290, -92.9380, 10.3100

Tritanomaly

106.9520, -79.1340, -8.5900

Monochromacy



Original Color

119.7640, -65.6600, 22.5640

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7650, -23.8430, 8.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.7640, -65.6600, 22.5640 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(71, 123, 231)` looks like.

```
.text, #text, p{  
    color:rgb(71, 123, 231)  
}
```

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(71, 123, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 123, 231) }
```

Border

The CSS property to change the border of an element to YIQ 119.7640, -65.6600, 22.5640 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(71, 123, 231) }
```


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

```
.border{ border-color:rgb(71, 123, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 123, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 123, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 123, 231);  
box-shadow:4px 4px 4px 4px rgb(71, 123,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 119.7640, -65.6600, 22.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 123, 231) }
```

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

```
.background{ background-color: rgb(71, 123,  
231) }
```

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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