

Converting Colors

YIQ(125.0020, -19.5360,
23.6640)

Have a look what the booklet for
YIQ(125.0020, -19.5360, 23.6640)
contains.

YIQ(125.0020, -19.5360, 23.6640)	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(125.0020, -19.5360,
23.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	7973BB
RGB	121, 115, 187
RGB Percent	47%, 45%, 73%
CMY	0.5254, 0.5490, 0.2668
CMYK	0.35, 0.38, 0.00, 0.27
HSL	245°, 35%, 59%
HSV	245°, 38%, 73%
XYZ	22.9837, 19.9134, 49.6269
YIQ	125.0020, -19.5360, 23.6640

Conversions

Conversions Part 2

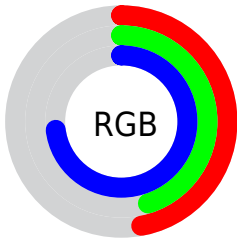
Format	Color
R _Y B	121, 115, 187
Decimal	7959483
CIE Lab	51.74, 19.53, -37.12
CIE LCh	52, 41.945, 297.742
Yxy	19.9134, 0.2484, 0.2152
Android (android.graphics.Color)	4286149563 (0xFF7973BB)
YUV	125.0020, 30.5650, -3.5098
Hunter-Lab	44.6244, 13.8435, -34.6995

Details

The YIQ color **125.0020, -19.5360, 23.6640** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **176.9980, 19.5360, -23.6640**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1700, -19.9490, 25.6430**, and **75.1220, -19.9940, 20.9500** is the 20% darker color. If you saturate the color by 10%, you get **108.7660, -24.4430, 29.9970**, and if you desaturate by 10%, it is **141.2380, -14.6290, 17.3310**.

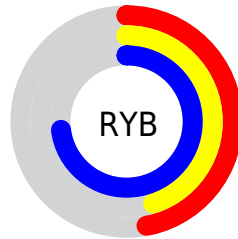
Distribution



Red (47%)

Green (45%)

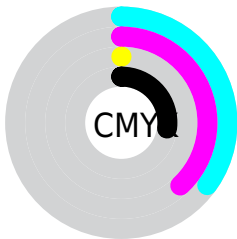
Blue (73%)



Red (47%)

Yellow (45%)

Blue (73%)

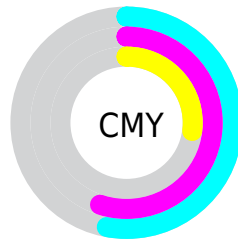


Cyan (35%)

Magenta (38%)

Yellow (0%)

Black (27%)



Cyan (53%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.0020, -19.5360, 23.6640 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 125.0020, -19.5360, 23.6640 by changing the saturation by 10% instead.

■ 125.0020,
-19.5360, 23.6640

■ 125.0020,
-19.5360, 23.6640

■ 255.0000, -0.0000,
-0.0000

■ 99.4750, -19.4900,
22.8300

■ 178.0560,
-19.6280, 25.3320

■ 75.1220, -19.9940,
20.9500

■ 203.9440,
-13.6210, 21.0910

■ 51.5840, -21.4150,
19.1690

■ 228.7520, -4.6330,
12.3830

■ 27.1380, -26.0910,
15.8050

■ 252.6520, 1.1000,
2.0920

■ 6.8400, -19.2600,
18.6600

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,

3.5200

0.0000, 0.0000,
0.0000

125.0020,
-19.5360, 23.6640

125.0020,
-19.5360, 23.6640

108.7660,
-24.4430, 29.9970

141.2380,
-14.6290, 17.3310

93.1170, -29.6250,
35.8070

156.8870, -9.4470,
11.5210

76.8810, -34.5320,
42.1400

173.1230, -4.5400,
5.1880

60.3460, -40.0350,
48.2610

189.6580, 0.9630,
-0.9330

44.6970, -45.2170,
54.0710

205.3070, 6.1450,
-6.7430

■ 28.4610, -50.1240,
60.4040

■ 221.5430, 11.0520,
-13.0760

■ 26.1020, -50.4910,
61.5490

■ 237.7790, 15.9590,
-19.4090

■ 247.2480, 21.8280,
-21.1480

Harmonies

Analogous

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



110.5220, -71.5710, 3.0290



125.0020, -19.5360, 23.6640



127.0900, 18.5630, 32.5390

Triad

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



125.0020, -19.5360, 23.6640



122.0170, 54.0560, 0.5200



96.3330, -76.9740, -36.7340

Complementary

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



125.0020, -19.5360, 23.6640



176.9980, 19.5360, -23.6640

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.



109.9030, -25.8530, -32.5810



125.0020, -19.5360, 23.6640



119.6800, 38.2870, -16.5690

Square

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



125.0020, -19.5360, 23.6640



123.3510, 56.7120, 18.4720



116.5840, 11.8340, -27.2540



100.5510, -88.8510, -25.2270

Rectangle

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



125.0020, -19.5360, 23.6640



125.5560, 37.6820, 32.9620



116.5840, 11.8340, -27.2540



94.3780, -72.8470, -39.9430

Sweetspot

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



125.0020, -19.5360, 23.6640



217.2030, -7.5210, 9.6550



161.9500, -41.2620, -12.1260



107.5360, -4.2650, 5.7110



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



125.0020, -19.5360, 23.6640



146.3450, -30.2670, 36.4290



135.7660, 1.9200, 31.2960



86.3250, -2.2930, 3.0110



21.8990, -42.9700, 51.8940



4.4310, -8.1630, 10.2770

Inverse Universe

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



144.0520, 21.7260, 35.7900



175.8170, 33.4140, 55.2540



166.2340, -1.9200, -31.2960



88.7170, 2.4750, 4.7070



63.7720, 47.6230, 78.5910



12.4610, 9.4880, 15.2800

Previews

White Background



This preview shows how the YIQ color 125.0020, -19.5360, 23.6640 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 125.0020, -19.5360, 23.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

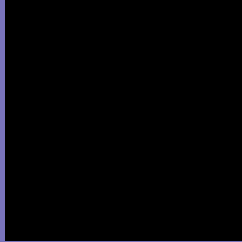
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.0020, -19.5360, 23.6640

Background



This preview shows how black text looks on a background with the YIQ color 125.0020, -19.5360, 23.6640.



This preview shows how white text looks on a background with the YIQ color 125.0020, -19.5360,

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

125.0020, -19.5360, 23.6640

Protanopia

121.9180, -37.0950, 16.9930

Deuteranopia

121.6960, -36.5900, 13.3460



Tritanopia

122.3560, -12.7460, -0.2820

Trichromacy



Original Color

125.0020, -19.5360, 23.6640

Protanomaly

123.2070, -30.5390, 19.3250

Deuteranomaly

122.7400, -30.7220, 17.1340

Tritanomaly

123.3700, -15.3610, 8.5670

Monochromacy



Original Color

125.0020, -19.5360, 23.6640

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9750, -6.8790, 9.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.0020, -19.5360, 23.6640 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(121, 115, 187)` looks like.

```
.text, #text, p{  
    color:rgb(121, 115, 187)  
}
```

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(121, 115, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 115, 187) }
```

Border

The CSS property to change the border of an element to YIQ 125.0020, -19.5360, 23.6640 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(121, 115, 187) }
```


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

```
.border{ border-color:rgb(121, 115, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 115, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 115, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 115, 187);  
box-shadow:4px 4px 4px 4px rgb(121, 115,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 125.0020, -19.5360, 23.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 115, 187) }
```

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

```
.background{ background-color: rgb(121,  
115, 187) }
```

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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