

Converting Colors

YIQ(128.5720, 4.0810, -2.3750)

Have a look what the booklet for
YIQ(128.5720, 4.0810, -2.3750)
contains.

YIQ(128.5720, 4.0810, -2.3750)	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(128.5720, 4.0810,
-2.3750)**

Conversions

Conversions Part 1

Format	Color
Hex	838178
RGB	131, 129, 120
RGB Percent	51%, 51%, 47%
CMY	0.4863, 0.4941, 0.5294
CMYK	0.00, 0.02, 0.08, 0.49
HSL	49°, 4%, 49%
HSV	49°, 8%, 51%
XYZ	20.6007, 21.8818, 20.9090
YIQ	128.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

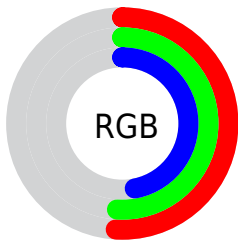
Format	Color
R_{YB}	122, 131, 120
Decimal	8618360
CIE _{Lab}	53.90, -0.96, 5.13
CIE _{LCh}	54, 5.221, 100.546
Yxy	21.8818, 0.3250, 0.3452
Android (android.graphics.Color)	4286808440 (0xFF838178)
YUV	128.5720, -4.2260, 2.1294
Hunter-Lab	46.7780, -3.2512, 6.2429

Details

The YIQ color **128.5720, 4.0810, -2.3750** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **122.4280, -4.0810, 2.3750**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4580, 4.4020, -2.6860**, and **79.6860, 3.7600, -2.0640** is the 20% darker color. If you saturate the color by 10%, you get **125.9160, 8.8040, -5.3720**, and if you desaturate by 10%, it is **131.2280, -0.6420, 0.6220**.

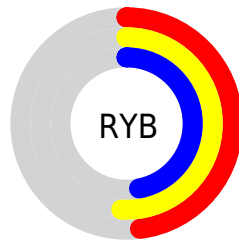
Distribution



Red (51%)

Green (51%)

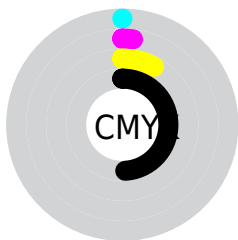
Blue (47%)



Red (48%)

Yellow (51%)

Blue (47%)

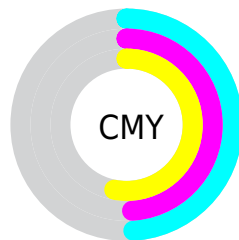


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.5720, 4.0810, -2.3750 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 128.5720, 4.0810, -2.3750 by changing the saturation by 10% instead.

■ 128.5720, 4.0810,
-2.3750

■ 128.5720, 4.0810,
-2.3750

■ 255.0000, -0.0000,
-0.0000

■ 103.5720, 4.0810,
-2.3750

■ 181.4580, 4.4020,
-2.6860

■ 79.6860, 3.7600,
-2.0640

■ 208.8710, 4.6770,
-2.1630

■ 56.6860, 3.7600,
-2.0640

■ 237.4580, 4.4020,
-2.6860

■ 35.3870, 3.1640,
-2.2760

■ 13.2300, 5.0440,
-3.3080

■ 0.0000, 0.0000,
0.0000

■ 128.5720, 4.0810,
-2.3750

■ 128.5720, 4.0810,
-2.3750

■ 125.9160, 8.8040,
-5.3720

■ 131.2280, -0.6420,
0.6220

■ 122.6730, 13.8020,
-7.8460

■ 134.4710, -5.6400,
3.0960

■ 120.0170, 18.5250,
-10.8430

■ 137.1270,
-10.3630, 6.0930

■ 116.7740, 23.5230,
-13.3170

■ 140.3700,
-15.3610, 8.5670

■ 114.1180, 28.2460,
-16.3140

■ 143.1400,
-20.4050, 11.8750

■ 111.3480, 33.2900,
-19.6220

■ 145.7960,
-25.1280, 14.8720

■ 108.1050, 38.2880,
-22.0960

■ 149.0390,
-30.1260, 17.3460

■ 105.4490, 43.0110,

■ 151.6950,

-25.0930

-34.8490, 20.3430

■ 102.7930, 47.7340,
-28.0900

■ 154.3510,
-39.5720, 23.3400

Harmonies

Analogous

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



129.4800, 7.3360, -0.7920



128.5720, 4.0810, -2.3750



127.8920, 0.1840, -3.3360

Triad

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



128.5720, 4.0810, -2.3750



127.4550, -8.7110, -1.8230



129.6740, 4.0340, 3.9860

Complementary

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



128.5720, 4.0810, -2.3750



122.4280, -4.0810, 2.3750

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.



129.5210, 0.0910, 3.8590



128.5720, 4.0810, -2.3750



128.1070, -7.6110, 0.2690

Square

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



128.5720, 4.0810, -2.3750



127.5860, -7.7020, -3.5900



129.1290, -4.6770, 2.1630



130.0010, 7.4270, 3.0670

Rectangle

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



128.5720, 4.0810, -2.3750



127.5110, -3.1170, -4.0850



129.1290, -4.6770, 2.1630



129.4890, 3.1170, 4.0850

Sweetspot

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



128.5720, 4.0810, -2.3750



169.8430, 1.8800, -1.0320



123.5170, 5.9140, 2.9540



85.9570, 1.5590, -0.7210



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



128.5720, 4.0810, -2.3750



167.3010, 6.2820, -3.7180



128.8490, 1.7430, -4.0570



64.7290, 2.2010, -1.3430



101.0920, 48.3300, -27.8780



2.0710, 1.2380, -0.4100

Inverse Universe

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



122.4280, -4.0810, 2.3750



157.6990, -6.2820, 3.7180



122.1510, -1.7430, 4.0570



61.2710, -2.2010, 1.3430



28.9080, -48.3300, 27.8780



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 128.5720, 4.0810, -2.3750 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 128.5720, 4.0810, -2.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

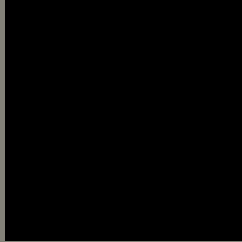
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.5720, 4.0810, -2.3750

Background



This preview shows how black text looks on a background with the YIQ color 128.5720, 4.0810, -2.3750.



This preview shows how white text looks on a background with the YIQ color 128.5720, 4.0810,

-2.3750.

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

128.5720, 4.0810, -2.3750

Protanopia

128.5830, 5.5480, -1.4280

Deuteranopia

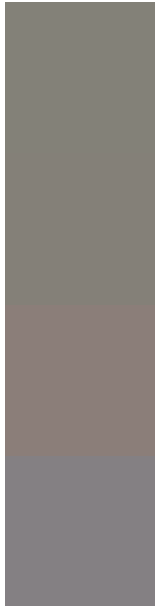
129.6380, 12.8830, 3.3070



Tritanopia

129.9340, 0.3660, 4.3820

Trichromacy



Original Color

128.5720, 4.0810, -2.3750

Protanomaly

128.2840, 4.9520, -1.6400

Deuteranomaly

129.3170, 9.3530, 1.2010

Tritanomaly

129.5380, 1.4210, 1.7810

Monochromacy



Original Color

128.5720, 4.0810, -2.3750

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5720, 4.0810, -2.3750 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(131, 129, 120)` looks like.

```
.text, #text, p{  
    color:rgb(131, 129, 120)  
}
```

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(131, 129, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 129, 120) }
```

Border

The CSS property to change the border of an element to YIQ 128.5720, 4.0810, -2.3750 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(131, 129, 120) }
```


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

```
.border{ border-color:rgb(131, 129, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 129, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 129, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 129, 120); box-shadow:4px 4px 4px 4px rgb(131, 129, 120) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5720, 4.0810, -2.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 129, 120) }
```

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

```
.background{ background-color: rgb(131,  
129, 120) }
```

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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