

Converting Colors

YIQ(103.6080, -23.1040,
-21.8240)

Have a look what the booklet for
YIQ(103.6080, -23.1040, -21.8240)
contains.

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Color

**YIQ(103.6080, -23.1040,
-21.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	447C5C
RGB	68, 124, 92
RGB Percent	27%, 49%, 36%
CMY	0.7335, 0.5136, 0.6393
CMYK	0.45, 0.00, 0.26, 0.51
HSL	146°, 29%, 38%
HSV	146°, 45%, 49%
XYZ	11.5228, 16.4211, 12.6836
YIQ	103.6080, -23.1040, -21.8240

Conversions

Conversions Part 2

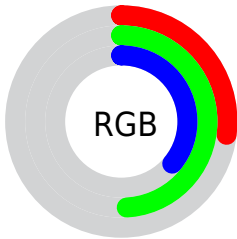
Format	Color
R_{YB}	68, 107, 124
Decimal	4488284
CIE _{Lab}	47.52, -26.34, 11.84
CIE _{LCh}	48, 28.881, 155.788
Yxy	16.4211, 0.2836, 0.4042
Android (android.graphics.Color)	4282678364 (0xFF447C5C)
YUV	103.6080, -5.7227, -31.2282
Hunter-Lab	40.5230, -20.1585, 9.8085

Details

The YIQ color **103.6080, -23.1040, -21.8240** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88.3920, 23.1040, 21.8240**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.6680, -23.3330, -23.1810**, and **54.0530, -25.8550, -21.5270** is the 20% darker color. If you saturate the color by 10%, you get **99.2220, -28.0090, -26.5450**, and if you desaturate by 10%, it is **107.9940, -18.1990, -17.1030**.

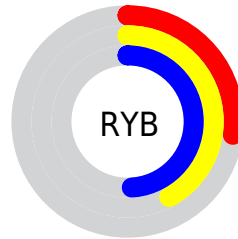
Distribution



Red (27%)

Green (49%)

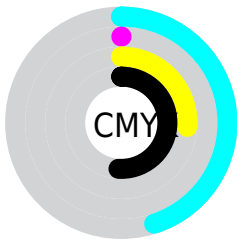
Blue (36%)



Red (27%)

Yellow (42%)

Blue (49%)

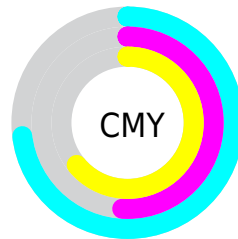


Cyan (45%)

Magenta (0%)

Yellow (26%)

Black (51%)



Cyan (73%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.6080, -23.1040, -21.8240 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 103.6080, -23.1040, -21.8240 by changing the saturation by 10% instead.

■ 103.6080,
-23.1040, -21.8240

■ 103.6080,
-23.1040, -21.8240

■ 255.0000, -0.0000,
-0.0000

■ 78.7220, -23.4250,
-21.5130

■ 155.6680,
-23.3330, -23.1810

■ 54.0530, -25.8550,
-21.5270

■ 183.2550,
-23.6080, -23.7040

■ 32.7870, -22.0500,
-18.8980

■ 210.8420,
-23.8830, -24.2270

■ 18.7840, -8.8000,
-16.7360

■ 235.3200,
-22.2330, -21.0890

■ 0.0000, 0.0000,
0.0000

■ 246.9980,
-14.8540, -6.1340

■ 103.6080,
-23.1040, -21.8240

■ 103.6080,
-23.1040, -21.8240

■ 99.2220, -28.0090,
-26.5450

■ 107.9940,
-18.1990, -17.1030

■ 94.5370, -33.5100,
-31.4780

■ 112.6790,
-12.6980, -12.1700

■ 90.1510, -38.4150,
-36.1990

■ 117.0650, -7.7930,
-7.4490

■ 85.4660, -43.9160,
-41.1320

■ 121.7500, -2.2920,
-2.5160

■ 81.0800, -48.8210,
-45.8530

■ 126.1360, 2.6130,
2.2050

■ 78.8300, -51.1130,
-48.3690

■ 130.6360, 7.1970,
7.2370

■ 135.3210, 12.6980,
12.1700

■ 139.7070, 17.6030,

16.8910

■ 144.3920, 23.1040,
21.8240

Harmonies

Analogous

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



107.9500, 2.2960, -19.5920



103.6080, -23.1040, -21.8240



96.5690, -53.7310, -22.9390

Triad

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



103.6080, -23.1040, -21.8240



110.6870, -32.3710, 8.4690



113.9850, 39.8870, 9.5110

Complementary

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



103.6080, -23.1040, -21.8240



88.3920, 23.1040, 21.8240

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.



115.1450, 33.9250, 18.4450



103.6080, -23.1040, -21.8240



115.4410, -4.9550, 18.2210

Square

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



103.6080, -23.1040, -21.8240



100.5860, -60.4280, -6.1880



116.0540, 18.2440, 21.7960



112.2690, 35.6710, -2.1930

Rectangle

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



103.6080, -23.1040, -21.8240



88.5370, -77.0680, -24.0120



116.0540, 18.2440, 21.7960



114.2070, 39.3820, 13.1580

Sweetspot

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



103.6080, -23.1040, -21.8240



152.6410, -9.5350, -8.9190



110.7390, 4.2680, -22.2920



76.9020, -5.7760, -5.4560



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



103.6080, -23.1040, -21.8240



129.2870, -35.8020, -33.9940



106.6860, -31.7710, -13.4270



58.8640, -2.6130, -2.2050



79.5310, -51.7090, -48.5810



160.2360, -103.9680, -98.2080

Inverse Universe

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



88.3920, 23.1040, 21.8240



105.5990, 36.1230, 33.6830



85.3140, 31.7710, 13.4270



57.2500, 2.2920, 2.5160



45.4690, 51.7090, 48.5810



91.7640, 103.9680, 98.2080

Previews

White Background



This preview shows how the YIQ color 103.6080, -23.1040, -21.8240 looks on a white 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

Black Background



This preview shows how the YIQ color 103.6080, -23.1040, -21.8240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

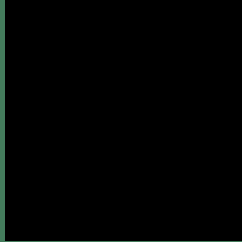
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.6080, -23.1040, -21.8240 Background



This preview shows how black text looks on a background with the YIQ color 103.6080, -23.1040, -21.8240.



This preview shows how white text looks on a background with the YIQ color 103.6080, -23.1040, -21.8240.

-21.8240.

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

103.6080, -23.1040, -21.8240

Protanopia

111.4280, 13.1140, -6.3900

Deuteranopia

112.7970, 16.6890, 0.4090



Tritanopia

107.5820, -28.2420, -5.7940

Trichromacy



Original Color

103.6080, -23.1040, -21.8240

Protanomaly

108.3230, 0.0480, -11.8880

Deuteranomaly

109.6270, 2.2480, -7.7040

Tritanomaly

106.3770, -26.4070, -11.5190

Monochromacy



Original Color

103.6080, -23.1040, -21.8240

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.7660, -8.3890, -7.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6080, -23.1040, -21.8240 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(68, 124, 92)` looks like.

```
.text, #text, p{  
    color:rgb(68, 124, 92)  
}
```

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(68, 124, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 124, 92) }
```

Border

The CSS property to change the border of an element to YIQ 103.6080, -23.1040, -21.8240 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(68, 124, 92) }
```


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

```
.border{ border-color:rgb(68, 124, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 124, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 124, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 124, 92);  
box-shadow:4px 4px 4px 4px rgb(68, 124,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6080, -23.1040, -21.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 124, 92) }
```

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

```
.background{ background-color: rgb(68, 124,  
92) }
```

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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