

Converting Colors

YIQ(103.6120, -46.1220,
-12.1540)

Have a look what the booklet for
YIQ(103.6120, -46.1220, -12.1540)
contains.

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Color

**YIQ(103.6120, -46.1220,
-12.1540)**

Conversions

Conversions Part 1	
Format	Color
Hex	347C86
RGB	52, 124, 134
RGB Percent	20%, 49%, 53%
CMY	0.7962, 0.5136, 0.4747
CMYK	0.61, 0.07, 0.00, 0.47
HSL	187°, 44%, 36%
HSV	187°, 61%, 53%
XYZ	12.9251, 16.8717, 25.1118
YIQ	103.6120, -46.1220, -12.1540

Conversions

Conversions Part 2

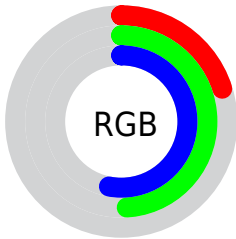
Format	Color
RYB	52, 90, 134
Decimal	3439750
CIELab	48.10, -19.16, -12.14
CIELCh	48, 22.684, 212.346
Yxy	16.8717, 0.2354, 0.3073
Android (android.graphics.Color)	4281629830 (0xFF347C86)
YUV	103.6120, 14.9813, -45.2637
Hunter-Lab	41.0752, -15.7130, -7.4950

Details

The YIQ color **103.6120, -46.1220, -12.1540** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.3880, 46.1220, 12.1540**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2100, -44.9300, -11.7300**, and **53.6010, -47.5890, -13.1010** is the 20% darker color. If you saturate the color by 10%, you get **98.5510, -53.3200, -13.8640**, and if you desaturate by 10%, it is **108.6730, -38.9240, -10.4440**.

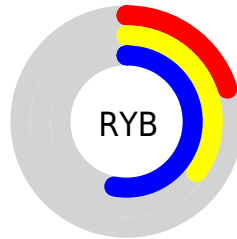
Distribution



Red (20%)

Green (49%)

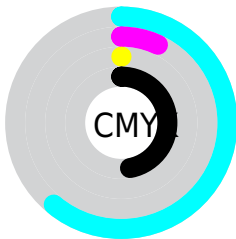
Blue (53%)



Red (20%)

Yellow (35%)

Blue (53%)

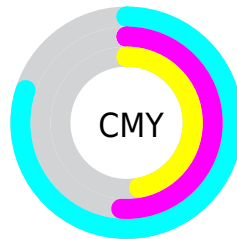


Cyan (61%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (80%)


Magenta (51%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.6120, -46.1220, -12.1540 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 103.6120, -46.1220, -12.1540 by changing the saturation by 10% instead.


 103.6120,
-46.1220, -12.1540


 103.6120,
-46.1220, -12.1540


 255.0000, -0.0000,
-0.0000


 75.9210, -51.4860,
-14.0620


 157.2100,
-44.9300, -11.7300

 53.6010, -47.5890,
-13.1010


 184.6230,
-44.6550, -11.2070

 37.4780, -33.8810,
-8.2250


 213.2100,
-44.9300, -11.7300

 22.6430, -21.0440,
-4.0840

 235.8640,
-38.1440, -13.5680

 2.7530, -6.3740,
5.3860

 244.5350,
-20.8600, -7.4200

 0.0000, 0.0000,
0.0000

 253.2060, -3.5760,

-1.2720

■ 103.6120,
-46.1220, -12.1540

■ 103.6120,
-46.1220, -12.1540

■ 98.5510, -53.3200,
-13.8640

■ 108.6730,
-38.9240, -10.4440

■ 93.7780, -61.3890,
-16.3090

■ 113.4460,
-30.8550, -7.9990

■ 88.7170, -68.5870,
-18.0190

■ 118.5070,
-23.6570, -6.2890

■ 84.5420, -75.4640,
-20.0400

■ 123.8670,
-15.8630, -4.3670

■ 128.3410, -8.3900,
-2.1340

■ 133.4020, -1.1920,
-0.4240

■ 138.1750, 6.8770,
2.0210

■ 143.2360, 14.0750,
3.7310

■ 148.5960, 21.8690,
5.6530

Harmonies

Analogous

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



105.0230, -34.3380, -16.4660



103.6120, -46.1220, -12.1540



107.0350, -42.6390, -3.6870

Triad

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



103.6120, -46.1220, -12.1540



117.3690, 12.7430, 16.8630



112.6690, 19.6250, -8.7510

Complementary

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



103.6120, -46.1220, -12.1540



82.3880, 46.1220, 12.1540

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.



114.5010, 29.2060, -0.6660



103.6120, -46.1220, -12.1540



116.7310, 26.2230, 14.8550

Square

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



103.6120, -46.1220, -12.1540



116.2080, -5.9170, 13.6270



115.8530, 31.4510, 8.2110



110.7810, 4.4500, -14.5740

Rectangle

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



103.6120, -46.1220, -12.1540



110.5250, -32.0950, 3.4650



115.8530, 31.4510, 8.2110



113.2890, 23.7510, -6.4330

Sweetspot

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



103.6120, -46.1220, -12.1540



161.9700, -17.6510, -5.0030



101.2740, -25.7600, -39.7760



79.5580, -10.4990, -2.4590



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.



103.6120, -46.1220, -12.1540



126.5210, -70.9710, -18.8670



79.5450, -34.8470, 9.2890



63.6190, -3.3010, -0.7490



81.7380, -73.0800, -19.1920



1.5160, -1.5130, -0.1130

Inverse Universe

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



84.7260, 25.7600, 39.7760



97.3280, 39.4650, 61.2330



106.4550, 34.8470, -9.2890



62.3640, 1.9710, 2.8270



51.8660, 40.8860, 63.0140



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 103.6120, -46.1220, -12.1540 looks on a white background.

Color Contrast Check

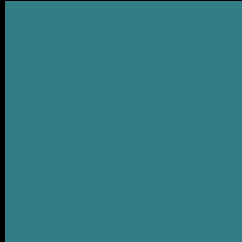
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6120, -46.1220, -12.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

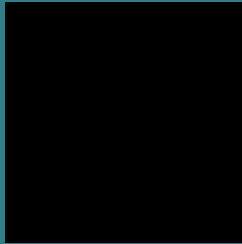
Any Text WCAG AA × Fail

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 103.6120, -46.1220, -12.1540 Background



This preview shows how black text looks on a background with the YIQ color 103.6120, -46.1220, -12.1540.



This preview shows how white text looks on a background with the YIQ color 103.6120, -46.1220, -12.1540.

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

103.6120, -46.1220, -12.1540

Protanopia

114.2970, -5.0900, 4.1420

Deuteranopia

114.5620, -7.1540, 8.5100



Tritanopia

103.6120, -46.1220, -12.1540

Trichromacy

	Original Color 103.6120, -46.1220, -12.1540
	Protanomaly 110.4090, -20.2650, -1.6810
	Deuteranomaly 110.8050, -21.3200, 0.9200
	Tritanomaly 103.6120, -46.1220, -12.1540

Monochromacy

	Original Color 103.6120, -46.1220, -12.1540
	Achromatopsia 104.0000, -0.0000, -0.0000
	Achromatomaly 103.6820, -16.7800, -4.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6120, -46.1220, -12.1540 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(52, 124, 134) looks like.

```
.text, #text, p{  
    color:rgb(52, 124, 134)  
}
```

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(52, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 124, 134) }
```

Border

The CSS property to change the border of an element to YIQ 103.6120, -46.1220, -12.1540 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(52, 124, 134) }
```


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

```
.border{ border-color:rgb(52, 124, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 124, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(52, 124,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6120, -46.1220, -12.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 124, 134) }
```

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

```
.background{ background-color: rgb(52, 124,  
134) }
```

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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