

Converting Colors

YIQ(104.6930, -6.1450, 6.7430)

Have a look what the booklet for
YIQ(104.6930, -6.1450, 6.7430)
contains.

YIQ(104.6930, -6.1450, 6.7430)	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(104.6930, -6.1450,
6.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	67667B
RGB	103, 102, 123
RGB Percent	40%, 40%, 48%
CMY	0.5961, 0.6000, 0.5177
CMYK	0.16, 0.17, 0.00, 0.52
HSL	243°, 9%, 44%
HSV	243°, 17%, 48%
XYZ	13.9198, 13.8163, 20.6686
YIQ	104.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

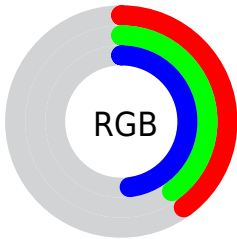
Format	Color
R_{YB}	103, 102, 123
Decimal	6776443
CIE Lab	43.97, 5.07, -11.55
CIE LCh	44, 12.612, 293.698
Yxy	13.8163, 0.2876, 0.2854
Android (android.graphics.Color)	4284966523 (0xFF67667B)
YUV	104.6930, 9.0254, -1.4848
Hunter-Lab	37.1702, 1.7982, -6.9492

Details

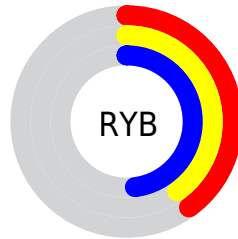
The YIQ color $104.6930, -6.1450, 6.7430$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $120.3070, 6.1450, -6.7430$, and the grayscale version is $105.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $155.8070, -6.4660, 7.0540$, and $57.4650, -5.5030, 6.1210$ is the 20% darker color. If you saturate the color by 10%, you get $94.0610, -9.9970, 10.4750$, and if you desaturate by 10%, it is $115.3250, -2.2930, 3.0110$.

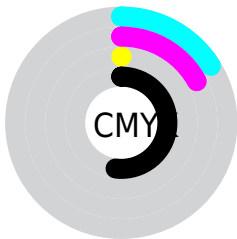
Distribution



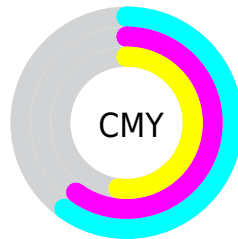
- Red (40%)
- Green (40%)
- Blue (48%)



- Red (40%)
- Yellow (40%)
- Blue (48%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.6930, -6.1450, 6.7430 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 104.6930, -6.1450, 6.7430 by changing the saturation by 10% instead.

■ 104.6930, -6.1450,
6.7430

■ 104.6930, -6.1450,
6.7430

■ 255.0000, -0.0000,
-0.0000

■ 80.5790, -5.8240,
6.4320

■ 155.8070, -6.4660,
7.0540

■ 57.4650, -5.5030,
6.1210

■ 182.9210, -6.7870,
7.3650

■ 36.0520, -5.7780,
5.5980

■ 210.3340, -6.5120,
7.8880

■ 14.4650, -5.5030,
6.1210

■ 237.8780, -5.2280,
6.6440

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 104.6930, -6.1450,
6.7430

■ 104.6930, -6.1450,
6.7430

■ 94.0610, -9.9970,
10.4750

■ 115.3250, -2.2930,
3.0110

■ 83.1410, -12.9780,
14.9420

■ 126.2450, 0.6880,
-1.4560

■ 72.5090, -16.8300,
18.6740

■ 136.8770, 4.5400,
-5.1880

■ 61.8770, -20.6820,
22.4060

■ 147.5090, 8.3920,
-8.9200

■ 51.2450, -24.5340,
26.1380

■ 158.1410, 12.2440,
-12.6520

■ 40.3250, -27.5150,
30.6050

■ 169.0610, 15.2250,
-17.1190

■ 29.6930, -31.3670,
34.3370

■ 179.6930, 19.0770,
-20.8510

■ 19.0610, -35.2190,

■ 190.3250, 22.9290,

38.0690

-24.5830

■ 15.8160, -35.9070,
39.5250

■ 201.2450, 25.9100,
-29.0500

Harmonies

Analogous

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



102.9690, -15.9100, 1.9940



104.6930, -6.1450, 6.7430



105.7220, 4.0790, 8.6790

Triad

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



104.6930, -6.1450, 6.7430



104.5090, 17.5600, 1.1440



100.3030, -14.3950, -8.9470

Complementary

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



104.6930, -6.1450, 6.7430



120.3070, 6.1450, -6.7430

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.



100.9790, -4.6750, -8.8910



104.6930, -6.1450, 6.7430



103.4220, 13.2510, -3.3650

Square

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



104.6930, -6.1450, 6.7430



105.5570, 17.6050, 5.8370



102.7090, 4.9530, -7.1670



100.0620, -20.9060, -6.5860

Rectangle

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



104.6930, -6.1450, 6.7430



105.6580, 10.1310, 9.1310



102.7090, 4.9530, -7.1670



100.8580, -11.6440, -9.2440

Sweetspot

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



104.6930, -6.1450, 6.7430



153.9120, -2.5680, 2.4880



116.1340, -12.2410, -3.9290



77.5700, -1.6050, 1.5550



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.



104.6930, -6.1450, 6.7430



132.9470, -9.6760, 10.1640



107.6830, -0.1850, 8.8630



55.6840, -1.9260, 1.8660



16.0440, -36.5490, 40.1470



32.3160, -73.7400, 80.9160

Inverse Universe

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



110.5590, 6.0960, 10.6720



141.9880, 9.4420, 16.1140



117.3170, 0.1850, -8.8630



57.4780, 1.6500, 3.1380



50.9410, 36.3010, 63.5090



102.7080, 73.1520, 128.0640

Previews

White Background



This preview shows how the YIQ color 104.6930, -6.1450, 6.7430 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 104.6930, -6.1450, 6.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

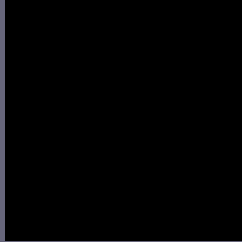
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

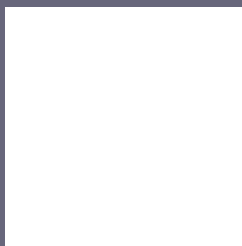
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 104.6930, -6.1450, 6.7430

Background



This preview shows how black text looks on a background with the YIQ color 104.6930, -6.1450, 6.7430.

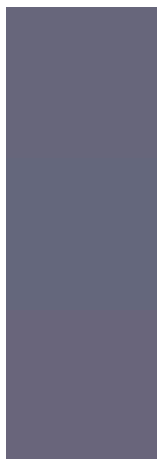


This preview shows how white text looks on a background with the YIQ color 104.6930, -6.1450,

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

104.6930, -6.1450, 6.7430

Protanopia

104.4970, -8.5290, 5.8950

Deuteranopia

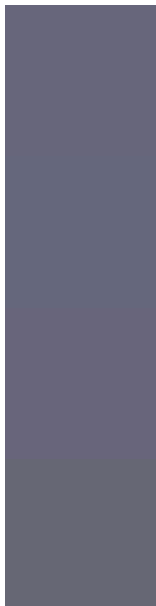
104.7040, -4.6780, 7.6900



Tritanopia

104.0150, -4.3560, 1.8520

Trichromacy



Original Color

104.6930, -6.1450, 6.7430

Protanomaly

104.7960, -7.9330, 6.1070

Deuteranomaly

104.4050, -5.2740, 7.4780

Tritanomaly

104.1830, -4.7690, 3.8310

Monochromacy



Original Color

104.6930, -6.1450, 6.7430

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9120, -2.5680, 2.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6930, -6.1450, 6.7430 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(103, 102, 123)` looks like.

```
.text, #text, p{  
    color:rgb(103, 102, 123)  
}
```

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(103, 102, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 102, 123) }
```

Border

The CSS property to change the border of an element to YIQ 104.6930, -6.1450, 6.7430 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(103, 102, 123) }
```


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

```
.border{ border-color:rgb(103, 102, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 102, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 102, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 102, 123);  
box-shadow:4px 4px 4px 4px rgb(103, 102,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6930, -6.1450, 6.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 102, 123) }
```

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

```
.background{ background-color: rgb(103,  
102, 123) }
```

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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