

Converting Colors

YIQ(163.5450, 25.9060, -6.9420)

Have a look what the booklet for
YIQ(163.5450, 25.9060, -6.9420)
contains.

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Color

**YIQ(163.5450, 25.9060,
-6.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A17B
RGB	184, 161, 123
RGB Percent	72%, 63%, 48%
CMY	0.2784, 0.3686, 0.5175
CMYK	0.00, 0.13, 0.33, 0.28
HSL	37°, 30%, 60%
HSV	37°, 33%, 72%
XYZ	36.0895, 37.1086, 24.0105
YIQ	163.5450, 25.9060, -6.9420

Conversions

Conversions Part 2

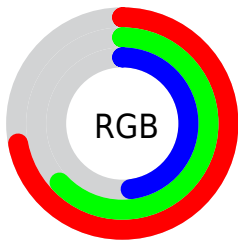
Format	Color
R _Y B	160, 184, 123
Decimal	12099963
CIE Lab	67.36, 2.76, 22.89
CIE LCh	67, 23.056, 83.126
Yxy	37.1086, 0.3713, 0.3817
Android (android.graphics.Color)	4290290043 (0xFFB8A17B)
YUV	163.5450, -19.9887, 17.9390
Hunter-Lab	60.9168, -0.8540, 19.2724

Details

The YIQ color **163.5450, 25.9060, -6.9420** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143.4550, -25.9060, 6.9420**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.9150, 27.7400, -7.1400**, and **111.8760, 23.4760, -6.9560** is the 20% darker color. If you saturate the color by 10%, you get **157.3840, 33.6090, -8.8790**, and if you desaturate by 10%, it is **169.7060, 18.2030, -5.0050**.

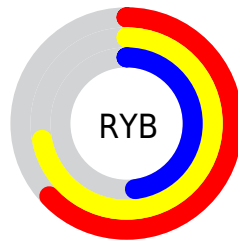
Distribution



Red (72%)

Green (63%)

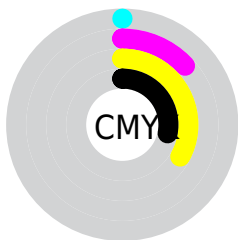
Blue (48%)



Red (63%)

Yellow (72%)

Blue (48%)

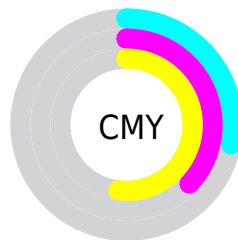


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 163.5450, 25.9060, -6.9420 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 163.5450, 25.9060, -6.9420 by changing the saturation by 10% instead.


 163.5450, 25.9060,
-6.9420


 163.5450, 25.9060,
-6.9420


255.0000, -0.0000,
-0.0000


 137.3600, 24.9890,
-6.8430


 218.9150, 27.7400,
-7.1400


 111.8760, 23.4760,
-6.9560


 242.6150, 19.7170,
-10.4190

 86.8050, 22.2380,
-6.5460

 252.2640, 7.7040,
-7.4640

 63.3210, 20.7250,
-6.6590

 40.6090, 19.8540,
-7.3940

 21.3080, 13.5720,
-3.6760

 0.0000, 0.0000,

0.0000

■ 163.5450, 25.9060,
-6.9420

■ 163.5450, 25.9060,
-6.9420

■ 157.3840, 33.6090,
-8.8790

■ 169.7060, 18.2030,
-5.0050

■ 151.1090, 41.6330,
-11.1270

■ 175.9810, 10.1790,
-2.7570

■ 144.9480, 49.3360,
-13.0640

■ 182.1420, 2.4760,
-0.8200

■ 138.6730, 57.3600,
-15.3120

■ 188.4170, -5.5480,
1.4280

■ 132.5120, 65.0630,
-17.2490

■ 194.5780,
-13.2510, 3.3650

■ 126.3510, 72.7660,
-19.1860

■ 200.7390,
-20.9540, 5.3020

■ 122.5210, 78.0390,
-21.1370

■ 207.0140,
-28.9780, 7.5500

■ 211.4650,
-31.8660, 4.8220

■ 215.5740,
-33.7910, 1.1610

Harmonies

Analogous

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



165.2460, 34.4780, 2.9100



163.5450, 25.9060, -6.9420



161.4180, 9.9060, -14.3340

Triad

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



163.5450, 25.9060, -6.9420



155.2270, -43.6000, -13.8080



167.5580, 7.8370, 17.6690

Complementary

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



163.5450, 25.9060, -6.9420



143.4550, -25.9060, 6.9420

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.



165.0870, -12.8860, 13.2740



163.5450, 25.9060, -6.9420



156.8990, -45.2520, -5.8920

Square

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



163.5450, 25.9060, -6.9420



155.7200, -29.1110, -17.5830



160.8670, -33.0580, 4.3980



167.2410, 24.8470, 17.7670

Rectangle

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



163.5450, 25.9060, -6.9420



159.4920, -2.1060, -16.9060



160.8670, -33.0580, 4.3980



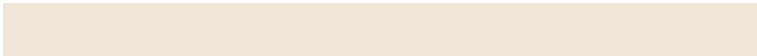
167.2090, 1.5100, 16.6940

Sweetspot

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



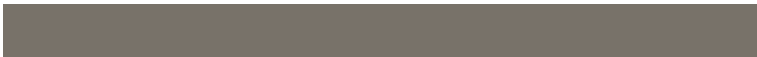
163.5450, 25.9060, -6.9420



231.9810, 10.1790, -2.7570



143.8610, 28.9730, 20.0850



114.7680, 6.4650, -1.5270



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



163.5450, 25.9060, -6.9420



207.9240, 40.7160, -11.0280



174.9530, 15.4090, -20.4550



88.6260, 3.9890, -0.7070



103.5830, 66.3010, -17.6590



18.3510, 12.0130, -2.9550

Inverse Universe

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



143.4550, -25.9060, 6.9420



176.0760, -40.7160, 11.0280



132.0470, -15.4090, 20.4550



85.7870, -3.7140, 1.2300



52.4170, -66.3010, 17.6590



9.6490, -12.0130, 2.9550

Previews

White Background



This preview shows how the YIQ color 163.5450, 25.9060, -6.9420 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 163.5450, 25.9060, -6.9420 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 ✓ Pass

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

YIQ 163.5450, 25.9060, -6.9420

Background



This preview shows how black text looks on a background with the YIQ color 163.5450, 25.9060, -6.9420.



This preview shows how white text looks on a background with the YIQ color 163.5450, 25.9060, -6.9420.

-6.9420.

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

163.5450, 25.9060, -6.9420

Protanopia

163.0280, 19.9920, -9.8960

Deuteranopia

164.0020, 32.0490, -2.6310



Tritanopia

166.5340, 16.4120, 10.9400

Trichromacy



Original Color

163.5450, 25.9060, -6.9420

Protanomaly

163.3380, 22.0550, -8.7370

Deuteranomaly

163.6920, 29.9860, -3.7900

Tritanomaly

165.2860, 19.8060, 4.4940

Monochromacy



Original Color

163.5450, 25.9060, -6.9420

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.7960, 9.2620, -2.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.5450, 25.9060, -6.9420 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(184, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 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(184, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 123) }
```

Border

The CSS property to change the border of an element to YIQ 163.5450, 25.9060, -6.9420 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(184, 161, 123) }
```


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

```
.border{ border-color:rgb(184, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 163.5450, 25.9060, -6.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 123) }
```

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

```
.background{ background-color: rgb(184,  
161, 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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