

Converting Colors

YIQ(162.2040, 51.4910,
-13.5730)

Have a look what the booklet for
YIQ(162.2040, 51.4910, -13.5730)
contains.

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Color

**YIQ(162.2040, 51.4910,
-13.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9D52
RGB	203, 157, 82
RGB Percent	80%, 62%, 32%
CMY	0.2039, 0.3844, 0.6782
CMYK	0.00, 0.23, 0.60, 0.20
HSL	37°, 54%, 56%
HSV	37°, 60%, 80%
XYZ	38.2122, 37.4163, 13.2041
YIQ	162.2040, 51.4910, -13.5730

Conversions

Conversions Part 2

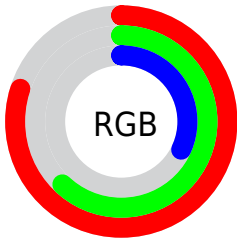
Format	Color
RYB	156, 203, 82
Decimal	13344082
CIELab	67.59, 8.73, 45.12
CIELCh	68, 45.960, 79.047
Yxy	37.4163, 0.4302, 0.4212
Android (android.graphics.Color)	4291534162 (0xFFFCB9D52)
YUV	162.2040, -39.5406, 35.7781
Hunter-Lab	61.1689, 4.4634, 30.0197

Details

The YIQ color **162.2040, 51.4910, -13.5730** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **122.7960, -51.4910, 13.5730**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3780, 50.9410, -14.6190**, and **109.5240, 47.5940, -14.5340** is the 20% darker color. If you saturate the color by 10%, you get **155.2280, 60.1110, -15.6090**, and if you desaturate by 10%, it is **169.1800, 42.8710, -11.5370**.

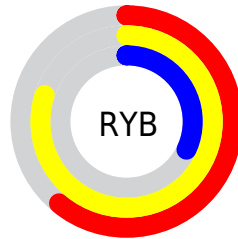
Distribution



Red (80%)

Green (62%)

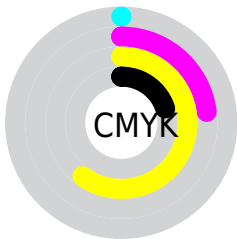
Blue (32%)



Red (61%)

Yellow (80%)

Blue (32%)

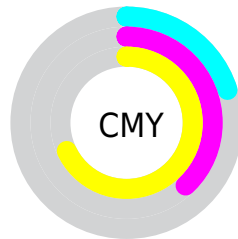


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.2040, 51.4910, -13.5730 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 162.2040, 51.4910, -13.5730 by changing the saturation by 10% instead.

■ 162.2040, 51.4910,
-13.5730

■ 162.2040, 51.4910,
-13.5730

■ 255.0000, -0.0000,
-0.0000

■ 135.4210, 49.3820,
-13.8980

■ 215.3780, 50.9410,
-14.6190

■ 109.5240, 47.5940,
-14.5340

■ 235.3650, 34.6200,
-21.7000

■ 83.7580, 46.8150,
-16.9370

■ 247.3620, 21.5070,
-20.8370

■ 61.8420, 38.0110,
-11.5650

■ 250.5540, 12.5190,
-12.1290

■ 40.8550, 27.9690,
-5.7830

■ 253.8600, 3.2100,
-3.1100

■ 22.2270, 18.2940,
-1.1460

■ 0.0000, 0.0000,

0.0000

■ 162.2040, 51.4910,
-13.5730

■ 162.2040, 51.4910,
-13.5730

■ 155.2280, 60.1110,
-15.6090

■ 169.1800, 42.8710,
-11.5370

■ 148.7250, 68.7770,
-18.4790

■ 175.6830, 34.2050,
-8.6670

■ 141.7490, 77.3970,
-20.5150

■ 182.6590, 25.5850,
-6.6310

■ 134.7730, 86.0170,
-22.5510

■ 189.6350, 16.9650,
-4.5950

■ 134.6590, 86.3380,
-22.8620

■ 196.7250, 8.0240,
-2.2480

■ 203.1140, -0.3210,
0.3110

■ 210.0900, -8.9410,
2.3470

■ 217.0660,
-17.5610, 4.3830

■ 223.0160,
-23.2920, 3.6200

Harmonies

Analogous

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



164.2790, 65.2420, 7.0500



162.2040, 51.4910, -13.5730



158.4020, 24.0300, -28.0180

Triad

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



162.2040, 51.4910, -13.5730



130.8420, -112.1400, -38.1880



169.5930, 9.8970, 35.4090

Complementary

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



162.2040, 51.4910, -13.5730



122.7960, -51.4910, 13.5730

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.



164.6780, -36.1790, 22.4210



162.2040, 51.4910, -13.5730



132.5980, -122.5960, -24.9000

Square

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



162.2040, 51.4910, -13.5730



139.1070, -70.6460, -41.2860



145.3280, -94.6320, -3.0480



168.1980, 44.7420, 37.1740

Rectangle

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



162.2040, 51.4910, -13.5730



154.8380, -0.8650, -33.8970



145.3280, -94.6320, -3.0480



168.8840, -4.2240, 32.5120

Sweetspot

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



162.2040, 51.4910, -13.5730



239.7770, 19.4410, -5.4150



123.4230, 57.3500, 39.9580



118.2370, 12.3340, -3.2660



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



162.2040, 51.4910, -13.5730



193.8630, 77.0760, -20.2040



185.0200, 30.4970, -40.5990



98.5120, 4.3100, -1.0180



110.0950, 70.6110, -18.6770



25.4500, 16.0480, -4.4960

Inverse Universe

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



122.7960, -51.4910, 13.5730



135.1370, -77.0760, 20.2040



99.9800, -30.4970, 40.5990



95.4880, -4.3100, 1.0180



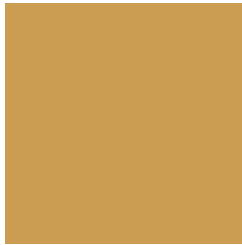
55.9050, -70.6110, 18.6770



13.1370, -16.3230, 3.9730

Previews

White Background



This preview shows how the YIQ color 162.2040, 51.4910, -13.5730 looks on a white background.

Color Contrast Check

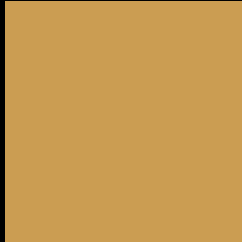
Large Text (above 18pt) WCAG AA × Fail

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 162.2040, 51.4910, -13.5730 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 162.2040, 51.4910, -13.5730

Background



This preview shows how black text looks on a background with the YIQ color 162.2040, 51.4910, -13.5730.



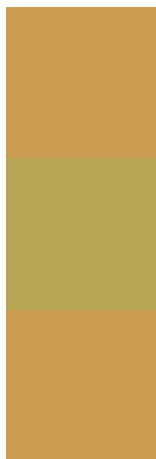
This preview shows how white text looks on a background with the YIQ color 162.2040, 51.4910,

-13.5730.

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

162.2040, 51.4910, -13.5730

Protanopia

160.9630, 35.8120, -21.2760

Deuteranopia

162.2040, 51.4910, -13.5730



Tritanopia

167.6070, 32.5040, 16.6640

Trichromacy



Original Color

162.2040, 51.4910, -13.5730

Protanomaly

161.4800, 41.7260, -18.3220

Deuteranomaly

162.2040, 51.4910, -13.5730

Tritanomaly

165.5780, 39.4750, 5.9630

Monochromacy



Original Color

162.2040, 51.4910, -13.5730

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.0050, 18.7990, -4.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.2040, 51.4910, -13.5730 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(203, 157, 82)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 82)  
}
```

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(203, 157, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 82) }
```

Border

The CSS property to change the border of an element to YIQ 162.2040, 51.4910, -13.5730 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(203, 157, 82) }
```


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

```
.border{ border-color:rgb(203, 157, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 82);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 162.2040, 51.4910, -13.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 82) }
```

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

```
.background{ background-color: rgb(203,  
157, 82) }
```

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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