

Converting Colors

YIQ(110.9120, 42.1310, 23.9150)

Have a look what the booklet for
YIQ(110.9120, 42.1310, 23.9150)
contains.

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Color

**YIQ(110.9120, 42.1310,
23.9150)**

Conversions

Conversions Part 1

Format	Color
Hex	A65469
RGB	166, 84, 105
RGB Percent	65%, 33%, 41%
CMY	0.3488, 0.6707, 0.5881
CMYK	0.00, 0.49, 0.37, 0.35
HSL	345°, 33%, 49%
HSV	345°, 49%, 65%
XYZ	21.4565, 15.4687, 15.2299
YIQ	110.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

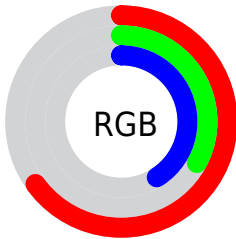
Format	Color
R_{YB}	166, 84, 105
Decimal	10900585
CIE _{Lab}	46.27, 36.04, 3.54
CIE _{LCh}	46, 36.216, 5.614
Yxy	15.4687, 0.4114, 0.2966
Android (android.graphics.Color)	4289090665 (0xFFA65469)
YUV	110.9120, -2.9146, 48.3122
Hunter-Lab	39.3303, 28.5516, 4.5724

Details

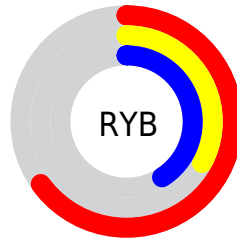
The YIQ color **110.9120, 42.1310, 23.9150** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.0880, -42.1310, -23.9150**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2930, 45.4320, 24.6640**, and **59.7590, 38.1880, 23.7880** is the 20% darker color. If you saturate the color by 10%, you get **99.5650, 50.6580, 29.0740**, and if you desaturate by 10%, it is **122.2590, 33.6040, 18.7560**.

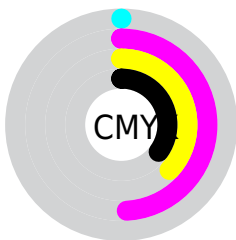
Distribution



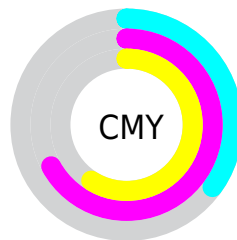
- Red (65%)
- Green (33%)
- Blue (41%)



- Red (65%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.9120, 42.1310, 23.9150 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 110.9120, 42.1310, 23.9150 by changing the saturation by 10% instead.

■ 110.9120, 42.1310,
23.9150

■ 110.9120, 42.1310,
23.9150

■ 255.0000, -0.0000,
-0.0000

■ 85.1290, 40.0220,
23.5900

■ 164.2930, 45.4320,
24.6640

■ 59.7590, 38.1880,
23.7880

■ 192.1900, 47.2200,
25.3000

■ 32.2690, 36.8120,
26.7000

■ 211.8290, 31.9990,
20.3110

■ 19.3510, 30.3490,
17.1730

■ 231.4570, 15.3110,
14.3750

■ 10.2800, 19.9430,
7.5190

■ 250.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

■ 110.9120, 42.1310,
23.9150

■ 110.9120, 42.1310,
23.9150

■ 99.5650, 50.6580,
29.0740

■ 122.2590, 33.6040,
18.7560

■ 88.6910, 59.2310,
33.3990

■ 133.1330, 25.0310,
14.4310

■ 77.3440, 67.7580,
38.5580

■ 144.4800, 16.5040,
9.2720

■ 66.5840, 76.0100,
43.1940

■ 155.2400, 8.2520,
4.6360

■ 55.1230, 84.8580,
48.0420

■ 166.7010, -0.5960,
-0.2120


■ 54.5360, 85.1330,
48.5650

■ 178.0480, -9.1230,
-5.3710

■ 188.8080,
-17.3750, -10.0070

■ 200.2690,

-26.2230, -14.8550

 211.0290,
-34.4750, -19.4910

Harmonies

Analogous

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



113.0810, 22.7820, 27.6620



110.9120, 42.1310, 23.9150



109.9430, 48.8730, 11.8570

Triad

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



110.9120, 42.1310, 23.9150



102.7880, 2.5720, -24.5960



88.5490, -85.3690, -11.2330

Complementary

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



110.9120, 42.1310, 23.9150



139.0880, -42.1310, -23.9150

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.



89.2040, -80.3240, -20.0680



110.9120, 42.1310, 23.9150



96.3140, -31.2640, -28.1280

Square

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



110.9120, 42.1310, 23.9150



106.4060, 27.3750, -17.0490



86.4850, -71.2900, -29.6100



104.8690, -44.5670, 9.2330

Rectangle

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



110.9120, 42.1310, 23.9150



108.6510, 46.3990, 1.6230



86.4850, -71.2900, -29.6100



89.1530, -84.3140, -13.8340

Sweetspot

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



110.9120, 42.1310, 23.9150



194.8930, 16.7790, 9.7950



111.2880, 9.4380, 38.2220



96.5500, 10.3150, 5.7950



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



110.9120, 42.1310, 23.9150



131.0340, 65.6950, 37.3990



119.6710, 43.6470, 7.4470



78.6200, 4.1260, 2.3180



48.5840, 76.0100, 43.1940



6.5500, 10.3150, 5.7950

Inverse Universe

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



110.9120, 42.1310, 23.9150



131.0340, 65.6950, 37.3990



130.3290, -43.6470, -7.4470



78.6200, 4.1260, 2.3180



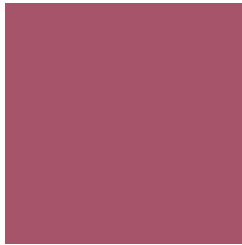
48.5840, 76.0100, 43.1940



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 110.9120, 42.1310, 23.9150 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 110.9120, 42.1310, 23.9150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

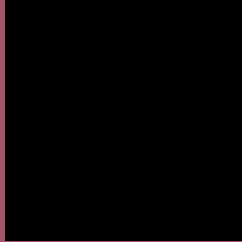
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.9120, 42.1310, 23.9150

Background



This preview shows how black text looks on a background with the YIQ color 110.9120, 42.1310, 23.9150.



This preview shows how white text looks on a background with the YIQ color 110.9120, 42.1310,

23.9150.

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

110.9120, 42.1310, 23.9150

Protanopia

110.2540, -3.5310, 3.4210

Deuteranopia

110.8120, 12.3330, 2.2610



Tritanopia

110.3050, 45.1580, 18.6140

Trichromacy



Original Color

110.9120, 42.1310, 23.9150

Protanomaly

110.6800, 13.0650, 11.0250

Deuteranomaly

110.7150, 23.1520, 9.9360

Tritanomaly

110.2880, 43.8280, 20.6920

Monochromacy



Original Color

110.9120, 42.1310, 23.9150

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8820, 15.3120, 8.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.9120, 42.1310, 23.9150 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(166, 84, 105)` looks like.

```
.text, #text, p{  
    color:rgb(166, 84, 105)  
}
```

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(166, 84, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 84, 105) }
```

Border

The CSS property to change the border of an element to YIQ 110.9120, 42.1310, 23.9150 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(166, 84, 105) }
```


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

```
.border{ border-color:rgb(166, 84, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 84, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 84, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 84, 105);  
box-shadow:4px 4px 4px 4px rgb(166, 84,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 110.9120, 42.1310, 23.9150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 84, 105) }
```

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

```
.background{ background-color: rgb(166, 84,  
105) }
```

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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