

Converting Colors

YIQ(99.1720, 55.6580, 15.5460)

Have a look what the booklet for
YIQ(99.1720, 55.6580, 15.5460)
contains.

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Color

**YIQ(99.1720, 55.6580,
15.5460)**

Conversions

Conversions Part 1

Format	Color
Hex	A24A40
RGB	162, 74, 64
RGB Percent	64%, 29%, 25%
CMY	0.3645, 0.7099, 0.7488
CMYK	0.00, 0.54, 0.60, 0.36
HSL	6°, 43%, 44%
HSV	6°, 60%, 64%
XYZ	18.2842, 12.9503, 6.3952
YIQ	99.1720, 55.6580, 15.5460

Conversions

Conversions Part 2

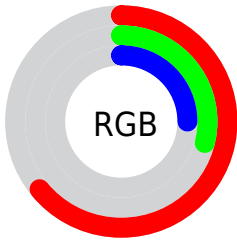
Format	Color
RYB	162, 75, 64
Decimal	10635840
CIELab	42.69, 35.67, 23.44
CIELCh	43, 42.683, 33.315
Yxy	12.9503, 0.4859, 0.3442
Android (android.graphics.Color)	4288825920 (0xFFA24A40)
YUV	99.1720, -17.3398, 55.1002
Hunter-Lab	35.9865, 27.7170, 14.6541

Details

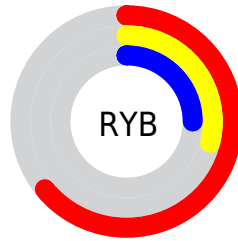
The YIQ color **99.1720, 55.6580, 15.5460** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **126.8280, -55.6580, -15.5460**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2220, 61.3890, 16.3090**, and **47.8770, 49.2390, 16.2390** is the 20% darker color. If you saturate the color by 10%, you get **88.5430, 64.9190, 18.4150**, and if you desaturate by 10%, it is **109.8010, 46.3970, 12.6770**.

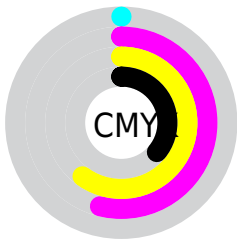
Distribution



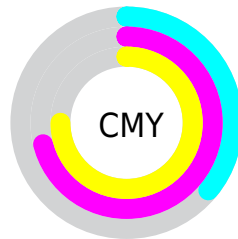
- Red (64%)
- Green (29%)
- Blue (25%)



- Red (64%)
- Yellow (29%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (60%)
- Black (36%)



- Cyan (36%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.1720, 55.6580, 15.5460 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 99.1720, 55.6580, 15.5460 by changing the saturation by 10% instead.

■ 99.1720, 55.6580,
15.5460

■ 99.1720, 55.6580,
15.5460

■ 255.0000, -0.0000,
-0.0000

■ 73.3180, 52.3110,
15.6310

■ 152.2220, 61.3890,
16.3090

■ 47.8770, 49.2390,
16.2390

■ 179.8910, 63.8190,
16.3230

■ 23.3220, 46.4880,
16.5360

■ 200.0140, 50.1110,
11.4470

■ 15.5480, 30.9920,
11.0240

■ 219.5280, 33.7440,
5.2000

■ 3.2890, 6.5560,
2.3320

■ 239.7430, 16.7810,
-1.2590

■ 0.0000, 0.0000,
0.0000

■ 254.0880, 2.5680,

-2.4880

■ 99.1720, 55.6580,
15.5460

■ 99.1720, 55.6580,
15.5460

■ 88.5430, 64.9190,
18.4150

■ 109.8010, 46.3970,
12.6770

■ 78.5010, 73.9050,
20.7610

■ 119.8430, 37.4110,
10.3310

■ 67.7580, 83.4870,
23.3190

■ 130.5860, 27.8290,
7.7730

■ 57.8300, 92.1520,
25.9760

■ 140.6280, 18.8430,
5.4270

■ 151.2570, 9.5820,
2.5580

■ 161.2990, 0.5960,
0.2120

■ 171.9280, -8.6650,
-2.6570

■ 182.0840,
-17.9720, -4.6920

■ 192.7130,
-27.2330, -7.5610

Harmonies

Analogous

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



100.1240, 47.5860, 29.6820



99.1720, 55.6580, 15.5460



98.3430, 50.0220, -3.4660

Triad

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



99.1720, 55.6580, 15.5460



81.8350, -40.3410, -34.3330



87.4300, -68.3160, 4.6120

Complementary

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



99.1720, 55.6580, 15.5460



126.8280, -55.6580, -15.5460

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.



84.9130, -83.3980, -8.4060



99.1720, 55.6580, 15.5460



81.1220, -65.8340, -29.3700

Square

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



99.1720, 55.6580, 15.5460



92.8220, 5.2320, -28.7520



84.5250, -76.7940, -17.9620



103.0630, -12.3380, 25.3740

Rectangle

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



99.1720, 55.6580, 15.5460



96.9900, 40.3500, -15.4100



84.5250, -76.7940, -17.9620



82.3030, -84.3160, -2.7800

Sweetspot

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



99.1720, 55.6580, 15.5460



187.1230, 21.8230, 6.4870



103.3340, 30.1600, 48.1440



92.0510, 13.1580, 3.8300



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



99.1720, 55.6580, 15.5460



112.7370, 87.9800, 24.4920



127.9350, 42.1830, -10.0810



76.2780, 5.0890, 1.3850



52.1600, 82.2950, 22.8950



6.5560, 10.1780, 2.7700

Inverse Universe

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



126.8280, -55.6580, -15.5460



156.2630, -87.9800, -24.4920



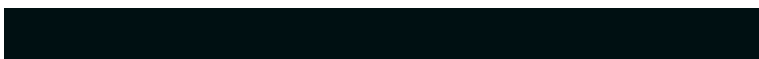
98.0650, -42.1830, 10.0810



78.7220, -5.0890, -1.3850



93.4270, -82.5700, -23.4180



11.4440, -10.1780, -2.7700

Previews

White Background



This preview shows how the YIQ color 99.1720, 55.6580, 15.5460 looks on a white background.

Color Contrast Check

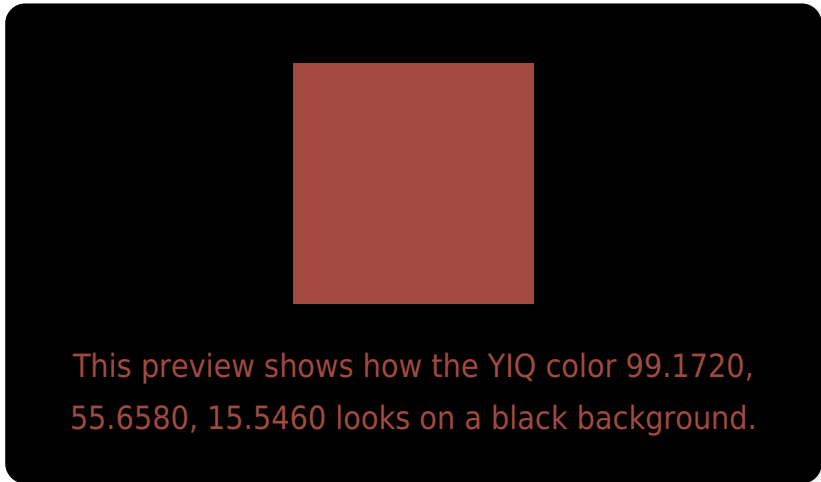
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 99.1720, 55.6580, 15.5460

Background



This preview shows how black text looks on a background with the YIQ color 99.1720, 55.6580, 15.5460.



This preview shows how white text looks on a background with the YIQ color 99.1720, 55.6580,

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

99.1720, 55.6580, 15.5460

Protanopia

100.4280, 13.1140, -6.3900

Deuteranopia

100.5560, 27.3730, -5.9950



Tritanopia

99.7790, 52.6310, 20.8470

Trichromacy



Original Color

99.1720, 55.6580, 15.5460

Protanomaly

99.7830, 28.4720, 1.6240

Deuteranomaly

100.1600, 37.5960, 1.4680

Tritanomaly

99.7960, 53.9610, 18.7690

Monochromacy



Original Color

99.1720, 55.6580, 15.5460

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1120, 20.3560, 5.5400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1720, 55.6580, 15.5460 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(162, 74, 64)` looks like.

```
.text, #text, p{  
    color:rgb(162, 74, 64)  
}
```

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(162, 74, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 74, 64) }
```

Border

The CSS property to change the border of an element to YIQ 99.1720, 55.6580, 15.5460 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(162, 74, 64) }
```


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

```
.border{ border-color:rgb(162, 74, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 74, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 74, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 74, 64);  
box-shadow:4px 4px 4px 4px rgb(162, 74,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1720, 55.6580, 15.5460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 74, 64) }
```

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

```
.background{ background-color: rgb(162, 74,  
64) }
```

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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