

Converting Colors

YIQ(95.2960, 66.5720, 4.9720)

Have a look what the booklet for
YIQ(95.2960, 66.5720, 4.9720)
contains.

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Color

**YIQ(95.2960, 66.5720,
4.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	A24A1E
RGB	162, 74, 30
RGB Percent	64%, 29%, 12%
CMY	0.3645, 0.7099, 0.8820
CMYK	0.00, 0.54, 0.81, 0.36
HSL	20°, 69%, 38%
HSV	20°, 81%, 64%
XYZ	17.5913, 12.6730, 2.7524
YIQ	95.2960, 66.5720, 4.9720

Conversions

Conversions Part 2

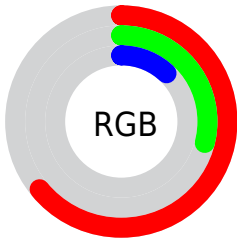
Format	Color
R _Y B	162, 96, 30
Decimal	10635806
CIE Lab	42.27, 33.79, 41.76
CIE LCh	42, 53.723, 51.020
Yxy	12.6730, 0.5328, 0.3838
Android (android.graphics.Color)	4288825886 (0xFFA24A1E)
YUV	95.2960, -32.1909, 58.4994
Hunter-Lab	35.5991, 25.9075, 20.3354

Details

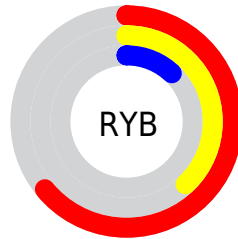
The YIQ color **95.2960, 66.5720, 4.9720** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **96.7040, -66.5720, -4.9720**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6450, 72.8990, 5.9470**, and **45.7710, 55.1090, 8.9730** is the 20% darker color. If you saturate the color by 10%, you get **87.0150, 74.7330, 5.7490**, and if you desaturate by 10%, it is **103.5770, 58.4110, 4.1950**.

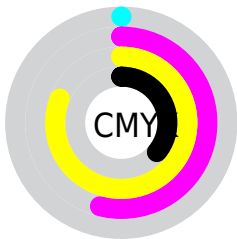
Distribution



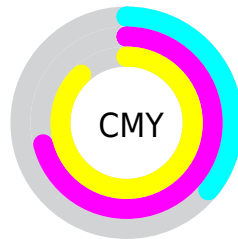
- Red (64%)
- Green (29%)
- Blue (12%)



- Red (64%)
- Yellow (38%)
- Blue (12%)



- Cyan (0%)
- Magenta (54%)
- Yellow (81%)
- Black (36%)





- Cyan (36%)
- Magenta (71%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.2960, 66.5720, 4.9720 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 95.2960, 66.5720, 4.9720 by changing the saturation by 10% instead.


 95.2960, 66.5720,
4.9720


 95.2960, 66.5720,
4.9720


255.0000, -0.0000,
-0.0000


 69.6870, 63.9130,
3.6010


 148.6450, 72.8990,
5.9470

 45.7710, 55.1090,
8.9730


 175.9120, 76.5210,
6.3850


 22.4250, 44.7000,
15.9000

 195.3230, 61.9420,
0.7740

 14.6510, 29.2040,
10.3880

 214.7230, 45.8960,
-5.7840

 0.2990, 0.5960,
0.2120

 234.9380, 28.9330,
-12.2430

 0.0000, 0.0000,
0.0000

 249.7560, 14.7660,

-14.3060

■ 253.0620, 5.4570,
-5.2870

■ 95.2960, 66.5720,
4.9720

■ 95.2960, 66.5720,
4.9720

■ 87.0150, 74.7330,
5.7490

■ 103.5770, 58.4110,
4.1950

■ 80.1360, 81.7020,
6.1020

■ 111.8580, 50.2500,
3.4180

■ 119.6660, 42.0430,
3.4750

■ 127.9470, 33.8820,
2.6980

■ 136.2280, 25.7210,
1.9210

■ 144.5090, 17.5600,
1.1440

■ 152.9040, 9.0780,
0.6780

■ 160.5980, 1.1920,
0.4240

■ 168.8790, -6.9690,
-0.3530

Harmonies

Analogous

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



94.1880, 67.8970, 30.5290



95.2960, 66.5720, 4.9720



93.7600, 52.5010, -20.8670

Triad

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



95.2960, 66.5720, 4.9720



79.4290, -59.6890, -36.1130



96.9700, -42.8730, 22.5910

Complementary

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



95.2960, 66.5720, 4.9720



96.7040, -66.5720, -4.9720

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.



85.4150, -90.3230, 1.4610



95.2960, 66.5720, 4.9720



85.2600, -74.7300, -22.3300

Square

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



95.2960, 66.5720, 4.9720



80.3230, -27.4560, -42.0800



87.8310, -86.1030, -8.9430



102.4950, 13.2890, 40.0170

Rectangle

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



95.2960, 66.5720, 4.9720



91.8560, 34.2550, -31.6090



87.8310, -86.1030, -8.9430



81.5130, -84.5470, 6.9170

Sweetspot

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



95.2960, 66.5720, 4.9720



186.2280, 25.7210, 1.9210



79.7280, 49.7820, 55.9740



91.1390, 15.7260, 1.3420



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.



95.2960, 66.5720, 4.9720



106.6950, 104.9930, 8.0090



132.8640, 48.9720, -28.5000



77.4520, 4.5390, 0.3390



71.5310, 73.2200, 5.6360



8.9040, 9.0780, 0.6780

Inverse Universe

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



96.7040, -66.5720, -4.9720



109.3050, -104.9930, -8.0090



59.1360, -48.9720, 28.5000



77.5480, -4.5390, -0.3390



73.4690, -73.2200, -5.6360



9.0960, -9.0780, -0.6780

Previews

White Background



This preview shows how the YIQ color 95.2960, 66.5720, 4.9720 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 95.2960, 66.5720, 4.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

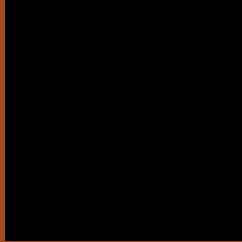
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.2960, 66.5720, 4.9720

Background



This preview shows how black text looks on a background with the YIQ color 95.2960, 66.5720, 4.9720.



This preview shows how white text looks on a background with the YIQ color 95.2960, 66.5720,

4.9720.

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

95.2960, 66.5720, 4.9720

Protanopia

96.9930, 27.1000, -17.5720

Deuteranopia

96.2460, 42.5050, -15.9190



Tritanopia

97.9750, 55.0150, 21.6950

Trichromacy



Original Color

95.2960, 66.5720, 4.9720

Protanomaly

96.1630, 41.5410, -9.4590

Deuteranomaly

95.7790, 51.4900, -8.0460

Tritanomaly

97.0260, 59.0050, 15.4610

Monochromacy



Original Color

95.2960, 66.5720, 4.9720

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.7440, 24.2080, 1.8080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.2960, 66.5720, 4.9720 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(162, 74, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 74, 30) }
```

Border

The CSS property to change the border of an element to YIQ 95.2960, 66.5720, 4.9720 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, 30) }
```


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

```
.border{ border-color:rgb(162, 74, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 74, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 74, 30);  
box-shadow:4px 4px 4px 4px rgb(162, 74,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 95.2960, 66.5720, 4.9720 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, 30) }
```

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

```
.background{ background-color: rgb(162, 74,  
30) }
```

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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