

Converting Colors

YIQ(66.5940, 24.2100, -9.2460)

Have a look what the booklet for
YIQ(66.5940, 24.2100, -9.2460)
contains.

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Color

**YIQ(66.5940, 24.2100,
-9.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	544218
RGB	84, 66, 24
RGB Percent	33%, 26%, 9%
CMY	0.6706, 0.7412, 0.9057
CMYK	0.00, 0.21, 0.71, 0.67
HSL	42°, 56%, 21%
HSV	42°, 71%, 33%
XYZ	5.7695, 5.8466, 1.6904
YIQ	66.5940, 24.2100, -9.2460

Conversions

Conversions Part 2

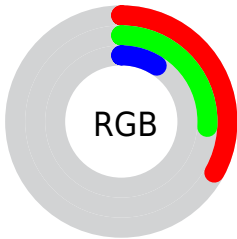
Format	Color
R_{YB}	50, 84, 24
Decimal	5521944
CIE Lab	29.02, 2.44, 27.73
CIE LCh	29, 27.839, 84.967
Yxy	5.8466, 0.4336, 0.4394
Android (android.graphics.Color)	4283712024 (0xFF544218)
YUV	66.5940, -20.9988, 15.2651
Hunter-Lab	24.1798, 0.2770, 12.7810

Details

The YIQ color **66.5940, 24.2100, -9.2460** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **41.4060, -24.2100, 9.2460**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.4480, 27.5570, -9.3310**, and **24.8520, 14.8560, -4.9200** is the 20% darker color. If you saturate the color by 10%, you get **63.9210, 27.6030, -10.1650**, and if you desaturate by 10%, it is **69.2670, 20.8170, -8.3270**.

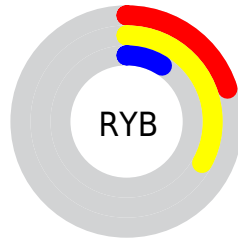
Distribution



Red (33%)

Green (26%)

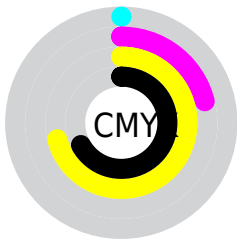
Blue (9%)



Red (20%)

Yellow (33%)

Blue (9%)

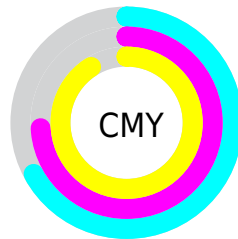


Cyan (0%)

Magenta (21%)

Yellow (71%)

Black (67%)



Cyan (67%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 66.5940, 24.2100, -9.2460 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 66.5940, 24.2100, -9.2460 by changing the saturation by 10% instead.

66.5940, 24.2100,
-9.2460

66.5940, 24.2100,
-9.2460

255.0000, -0.0000,
-0.0000

43.7680, 23.6600,
-10.2920

115.4480, 27.5570,
-9.3310

24.8520, 14.8560,
-4.9200

140.9320, 29.0700,
-9.2180

0.0000, 0.0000,
0.0000

167.4160, 30.5830,
-9.1050

194.6010, 31.5000,
-9.2040

222.7860, 32.4170,
-9.3030

244.9800, 19.9470,

-14.5890

■ 251.8080, 8.9880,
-8.7080

■ 66.5940, 24.2100,
-9.2460

■ 66.5940, 24.2100,
-9.2460

■ 63.9210, 27.6030,
-10.1650

■ 69.2670, 20.8170,
-8.3270

■ 61.7210, 31.0420,
-11.9180

■ 71.4670, 17.3780,
-6.5740

■ 59.7490, 33.8390,
-13.0490

■ 74.1400, 13.9850,
-5.6550

■ 76.3400, 10.5460,
-3.9020

■ 79.0130, 7.1530,
-2.9830

■ 81.0990, 4.0350,
-1.5410

■ 83.8860, 0.3210,
-0.3110

■ 85.9720, -2.7970,
1.1310

■ 88.7590, -6.5110,
2.3610

Harmonies

Analogous

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



67.8220, 32.7360, 1.4400



66.5940, 24.2100, -9.2460



64.8800, 8.4850, -16.1150

Triad

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



66.5940, 24.2100, -9.2460



56.1770, -49.3310, -14.5710



70.6830, 8.9830, 18.9270

Complementary

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



66.5940, 24.2100, -9.2460



41.4060, -24.2100, 9.2460

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.



68.9020, -13.8030, 13.3730



66.5940, 24.2100, -9.2460



56.9410, -54.2380, -8.2380

Square

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



66.5940, 24.2100, -9.2460



53.6690, -42.2690, -21.4130



58.8050, -47.6830, -0.3790



69.3660, 25.9930, 19.0250

Rectangle

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



66.5940, 24.2100, -9.2460



62.5840, -5.3610, -18.4890



58.8050, -47.6830, -0.3790



70.4480, 2.3350, 18.2630

Sweetspot

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



66.5940, 24.2100, -9.2460



103.2690, 9.3080, -3.4920



44.1060, 29.6610, 18.6290



52.0560, 5.5940, -2.2620



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



66.5940, 24.2100, -9.2460



82.1470, 38.4700, -14.3780



73.8710, 12.7040, -20.9920



39.9570, 1.5590, -0.7210



74.2460, 42.5050, -15.9190



164.4620, 93.7220, -35.5420

Inverse Universe

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



41.4060, -24.2100, 9.2460



42.8530, -38.4700, 14.3780



34.1290, -12.7040, 20.9920



38.0430, -1.5590, 0.7210



30.1670, -42.2300, 16.4420



67.5380, -93.7220, 35.5420

Previews

White Background



This preview shows how the YIQ color 66.5940, 24.2100, -9.2460 looks on a white background.

Color Contrast Check

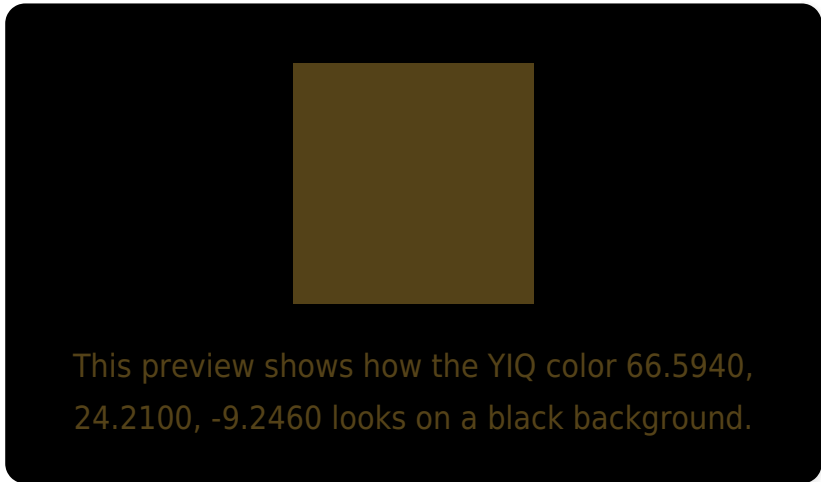
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

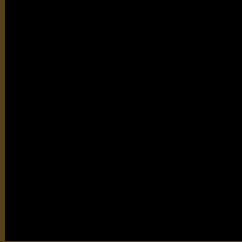
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 66.5940, 24.2100, -9.2460

Background



This preview shows how black text looks on a background with the YIQ color 66.5940, 24.2100, -9.2460.



This preview shows how white text looks on a background with the YIQ color 66.5940, 24.2100,

-9.2460.

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

66.5940, 24.2100, -9.2460

Protanopia

66.3760, 18.8920, -11.9880

Deuteranopia

66.6050, 25.6770, -8.2990



Tritanopia

70.0450, 13.2950, 6.8550

Trichromacy



Original Color

66.5940, 24.2100, -9.2460

Protanomaly

66.6860, 20.9550, -10.8290

Deuteranomaly

66.3060, 25.0810, -8.5110

Tritanomaly

68.5090, 17.5600, 1.1440

Monochromacy



Original Color

66.5940, 24.2100, -9.2460

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.9700, 8.7120, -3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 66.5940, 24.2100, -9.2460 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(84, 66, 24)` looks like.

```
.text, #text, p{  
    color:rgb(84, 66, 24)  
}
```

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(84, 66, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 66, 24) }
```

Border

The CSS property to change the border of an element to YIQ 66.5940, 24.2100, -9.2460 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(84, 66, 24) }
```


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

```
.border{ border-color:rgb(84, 66, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 66, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 66, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 66, 24);  
box-shadow:4px 4px 4px 4px rgb(84, 66, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 66.5940, 24.2100, -9.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 66, 24) }
```

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

```
.background{ background-color: rgb(84, 66,  
24) }
```

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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