

Converting Colors

YIQ(64.6930, -14.1720, 25.5720)

Have a look what the booklet for
YIQ(64.6930, -14.1720, 25.5720)
contains.

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Color

**YIQ(64.6930, -14.1720,
25.5720)**

Conversions

Conversions Part 1

Format	Color
Hex	43347C
RGB	67, 52, 124
RGB Percent	26%, 20%, 49%
CMY	0.7372, 0.7961, 0.5138
CMYK	0.46, 0.58, 0.00, 0.51
HSL	253°, 41%, 35%
HSV	253°, 58%, 49%
XYZ	7.1801, 5.1040, 19.6660
YIQ	64.6930, -14.1720, 25.5720

Conversions

Conversions Part 2

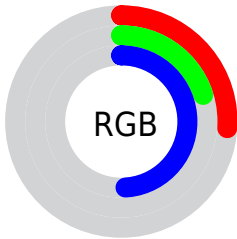
Format	Color
R _Y B	67, 52, 124
Decimal	4404348
CIE Lab	27.03, 25.90, -38.87
CIE LCh	27, 46.703, 303.676
Yxy	5.1040, 0.2247, 0.1597
Android (android.graphics.Color)	4282594428 (0xFF43347C)
YUV	64.6930, 29.2384, 2.0232
Hunter-Lab	22.5920, 17.1947, -35.7969

Details

The YIQ color **64.6930, -14.1720, 25.5720** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **111.3070, 14.1720, -25.5720**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.8720, -13.1180, 28.4980**, and **17.5950, -19.9480, 20.1160** is the 20% darker color. If you saturate the color by 10%, you get **54.6590, -16.8320, 29.7280**, and if you desaturate by 10%, it is **74.7270, -11.5120, 21.4160**.

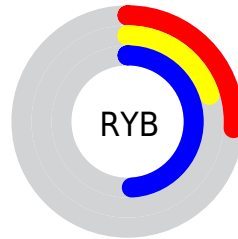
Distribution



Red (26%)

Green (20%)

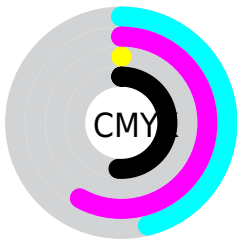
Blue (49%)



Red (26%)

Yellow (20%)

Blue (49%)

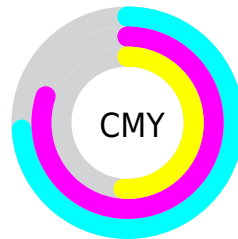


Cyan (46%)

Magenta (58%)

Yellow (0%)

Black (51%)



Cyan (74%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.6930, -14.1720, 25.5720 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 64.6930, -14.1720, 25.5720 by changing the saturation by 10% instead.

■ 64.6930, -14.1720,
25.5720

■ 64.6930, -14.1720,
25.5720

■ 255.0000, -0.0000,
-0.0000

■ 41.1550, -15.5930,
23.7910

■ 113.8720,
-13.1180, 28.4980

■ 17.5950, -19.9480,
20.1160

■ 139.8120,
-12.8890, 29.8550

■ 5.8140, -16.3710,
15.8610

■ 166.3390,
-12.9350, 30.6890

■ 4.4800, -9.8590,
7.9730

■ 193.0680,
-10.7340, 29.3460

■ 0.0000, 0.0000,
0.0000

■ 217.5880, -0.8750,
21.3730

■ 242.0860, 6.0500,

11.5060

■ 64.6930, -14.1720,
25.5720

■ 64.6930, -14.1720,
25.5720

■ 54.6590, -16.8320,
29.7280

■ 74.7270, -11.5120,
21.4160

■ 44.0380, -19.2170,
34.4070

■ 85.3480, -9.1270,
16.7370

■ 34.3030, -21.2810,
38.7750

■ 95.0830, -7.0630,
12.3690

■ 23.6820, -23.6660,
43.4540

■ 105.7040, -4.6780,
7.6900

■ 21.9100, -24.3080,
44.0760

■ 115.7380, -2.0180,
3.5340

■ 125.7720, 0.6420,
-0.6220

■ 136.3930, 3.0270,
-5.3010

■ 146.1280, 5.0910,
-9.6690

■ 156.7490, 7.4760,
-14.3480

Harmonies

Analogous

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



54.8330, -62.0810, 7.2550



64.6930, -14.1720, 25.5720



61.7320, 25.6230, 36.7510

Triad

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



64.6930, -14.1720, 25.5720



60.1470, 47.6380, -4.3140



54.0110, -43.2320, -20.4800

Complementary

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



64.6930, -14.1720, 25.5720



111.3070, 14.1720, -25.5720

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.



48.6190, -30.8050, -30.9410



64.6930, -14.1720, 25.5720



59.9930, 27.1000, -17.5720

Square

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



64.6930, -14.1720, 25.5720



56.7530, 55.5200, 18.0480



54.2130, 2.5730, -30.1230



58.1150, -54.7880, -9.2840

Rectangle

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



64.6930, -14.1720, 25.5720



55.9530, 44.0540, 38.6300



54.2130, 2.5730, -30.1230



52.6430, -39.3800, -24.2120

Sweetspot

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



64.6930, -14.1720, 25.5720



137.9860, -5.4120, 9.9800



94.2540, -39.0620, -7.9420



68.1340, -3.0730, 6.1350



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



64.6930, -14.1720, 25.5720



68.0580, -21.9690, 40.2310



75.1580, 6.6880, 32.9920



55.9830, -1.3300, 2.0780



22.0240, -24.6290, 44.3870



44.5750, -49.3040, 89.6080

Inverse Universe

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



80.0260, 24.6150, 32.9910



91.9330, 38.7790, 51.6350



100.8420, -6.6880, -32.9920



57.3640, 1.9710, 2.8270



48.6610, 42.7210, 57.2890



98.1480, 85.9920, 115.6240

Previews

White Background



This preview shows how the YIQ color 64.6930, -14.1720, 25.5720 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



This preview shows how the YIQ color 64.6930, -14.1720, 25.5720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

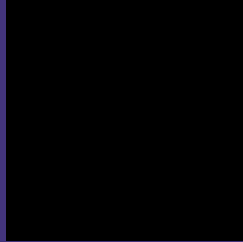
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.6930, -14.1720, 25.5720

Background



This preview shows how black text looks on a background with the YIQ color 64.6930, -14.1720, 25.5720.



This preview shows how white text looks on a background with the YIQ color 64.6930, -14.1720,

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

64.6930, -14.1720, 25.5720

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

51.2650, -54.7900, 1.7700



Tritanopia

62.6830, -9.3530, -1.2010

Trichromacy



Original Color

64.6930, -14.1720, 25.5720

Protanomaly

55.8140, -42.7340, 14.5620

Deuteranomaly

55.8480, -40.0740, 10.4060

Tritanomaly

63.4090, -11.0970, 8.3830

Monochromacy



Original Color

64.6930, -14.1720, 25.5720

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.7580, -4.7700, 9.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.6930, -14.1720, 25.5720 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(67, 52, 124)` looks like.

```
.text, #text, p{  
    color:rgb(67, 52, 124)  
}
```

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(67, 52, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 52, 124) }
```

Border

The CSS property to change the border of an element to YIQ 64.6930, -14.1720, 25.5720 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(67, 52, 124) }
```


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

```
.border{ border-color:rgb(67, 52, 124) }
```

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

Here you see how a box with a 4 pixel rgb(67, 52, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 52, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 52, 124);  
box-shadow:4px 4px 4px 4px rgb(67, 52,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 64.6930, -14.1720, 25.5720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 52, 124) }
```

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

```
.background{ background-color: rgb(67, 52,  
124) }
```

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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