

Converting Colors

YIQ(53.9420, 32.2780, -1.2740)

Have a look what the booklet for
YIQ(53.9420, 32.2780, -1.2740)
contains.

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Color

**YIQ(53.9420, 32.2780,
-1.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	542E10
RGB	84, 46, 16
RGB Percent	33%, 18%, 6%
CMY	0.6705, 0.8197, 0.9371
CMYK	0.00, 0.45, 0.81, 0.67
HSL	26°, 68%, 20%
HSV	26°, 81%, 33%
XYZ	4.7280, 3.8759, 0.9907
YIQ	53.9420, 32.2780, -1.2740

Conversions

Conversions Part 2

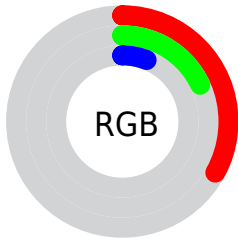
Format	Color
R_{YB}	84, 70, 16
Decimal	5516816
CIE _{Lab}	23.26, 14.68, 25.93
CIE _{LCh}	23, 29.796, 60.494
Yxy	3.8759, 0.4928, 0.4040
Android (android.graphics.Color)	4283706896 (0xFF542E10)
YUV	53.9420, -18.7054, 26.3609
Hunter-Lab	19.6874, 8.4144, 10.7977

Details

The YIQ color **53.9420, 32.2780, -1.2740** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **46.0580, -32.2780, 1.2740**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8070, 37.0920, -0.4120**, and **10.4650, 20.8600, 7.4200** is the 20% darker color. If you saturate the color by 10%, you get **50.0950, 36.2210, -1.1470**, and if you desaturate by 10%, it is **57.7890, 28.3350, -1.4010**.

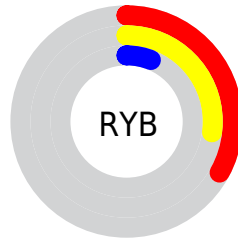
Distribution



 Red (33%)

 Green (18%)

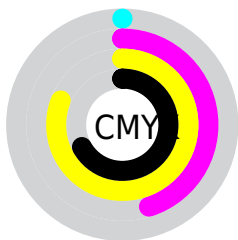
 Blue (6%)



 Red (33%)

 Yellow (27%)

 Blue (6%)

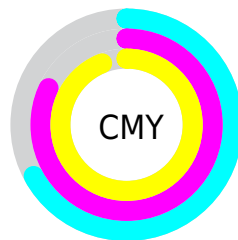


 Cyan (0%)

 Magenta (45%)

 Yellow (81%)

 Black (67%)



 Cyan (67%)

 Magenta (82%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.9420, 32.2780, -1.2740 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 53.9420, 32.2780, -1.2740 by changing the saturation by 10% instead.

■ 53.9420, 32.2780,
-1.2740

■ 53.9420, 32.2780,
-1.2740

■ 253.6320, 3.8520,
-3.7320

■ 32.3160, 28.2890,
-0.5670

■ 101.8070, 37.0920,
-0.4120

■ 10.4650, 20.8600,
7.4200

■ 127.4760, 39.5220,
-0.3980

■ 0.0000, 0.0000,
0.0000

■ 153.9600, 41.0350,
-0.2850

■ 180.7430, 43.1440,
0.0400

■ 208.3410, 44.3360,
0.4640

■ 229.0510, 30.3530,

-4.9350

■ 249.1520, 13.7110,
-11.7050

■ 53.9420, 32.2780,
-1.2740

■ 53.9420, 32.2780,
-1.2740

■ 50.0950, 36.2210,
-1.1470

■ 57.7890, 28.3350,
-1.4010

■ 46.8350, 39.8890,
-1.5430

■ 61.1630, 24.3460,
-0.6940

■ 65.0100, 20.4030,
-0.8210

■ 68.9710, 16.1390,
-0.6370

■ 72.2310, 12.4710,
-0.2410

■ 76.0780, 8.5280,
-0.3680

■ 80.0390, 4.2640,
-0.1840

■ 83.8860, 0.3210,
-0.3110

■ 87.2600, -3.6680,
0.3960

Harmonies

Analogous

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



54.2880, 34.6600, 10.6280



53.9420, 32.2780, -1.2740



52.4150, 23.1560, -12.1720

Triad

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



53.9420, 32.2780, -1.2740



45.0120, -35.8050, -17.4130



56.2230, -10.2730, 15.4790

Complementary

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



53.9420, 32.2780, -1.2740



46.0580, -32.2780, 1.2740

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.



45.4460, -48.0500, 0.7660



53.9420, 32.2780, -1.2740



47.5200, -42.8670, -10.5710

Square

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



53.9420, 32.2780, -1.2740



43.9070, -22.5080, -21.6120



47.6970, -47.4990, -3.7150



57.1890, 13.4300, 20.9340

Rectangle

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



53.9420, 32.2780, -1.2740



51.2070, 11.8780, -17.0340



47.6970, -47.4990, -3.7150



54.4390, -19.8090, 12.0870

Sweetspot

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



53.9420, 32.2780, -1.2740



98.1170, 12.7920, -0.5520



40.7780, 28.0090, 26.5450



48.8930, 7.6110, -0.2690



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.



53.9420, 32.2780, -1.2740



62.5820, 50.8470, -1.8970



73.3130, 23.2030, -18.5330



39.3700, 1.8340, -0.1980



58.3970, 49.9300, -1.7980



129.2420, 110.2220, -4.1620

Inverse Universe

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



46.0580, -32.2780, 1.2740



50.4180, -50.8470, 1.8970



26.6870, -23.2030, 18.5330



38.6300, -1.8340, 0.1980



46.0160, -49.6550, 2.3210



102.7580, -110.2220, 4.1620

Previews

White Background



This preview shows how the YIQ color 53.9420, 32.2780, -1.2740 looks on a white background.

Color Contrast Check

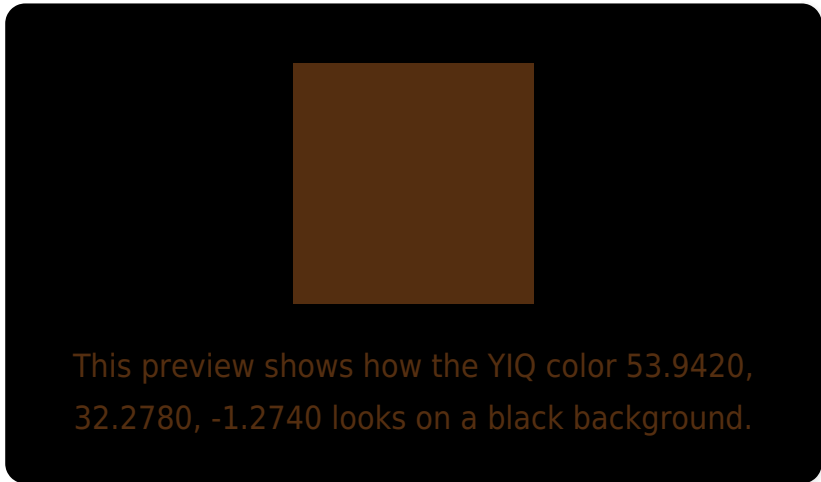
Large Text (above 18pt) WCAG AA ✓ Pass

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

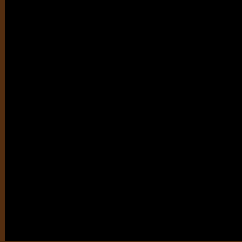
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.9420, 32.2780, -1.2740

Background



This preview shows how black text looks on a background with the YIQ color 53.9420, 32.2780, -1.2740.



This preview shows how white text looks on a background with the YIQ color 53.9420, 32.2780,

-1.2740.

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

53.9420, 32.2780, -1.2740

Protanopia

53.8750, 16.0490, -10.0230

Deuteranopia

53.8220, 23.5680, -8.6240



Tritanopia

55.9000, 24.0690, 9.8370

Trichromacy



Original Color

53.9420, 32.2780, -1.2740

Protanomaly

53.8050, 22.2380, -6.5460

Deuteranomaly

53.6700, 27.0520, -5.6840

Tritanomaly

55.2330, 27.3250, 5.8930

Monochromacy



Original Color

53.9420, 32.2780, -1.2740

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9320, 11.8750, -0.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.9420, 32.2780, -1.2740 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, 46, 16)` looks like.

```
.text, #text, p{  
    color:rgb(84, 46, 16)  
}
```

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, 46, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 46, 16) }
```

Border

The CSS property to change the border of an element to YIQ 53.9420, 32.2780, -1.2740 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, 46, 16) }
```


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

```
.border{ border-color:rgb(84, 46, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 46, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 46, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 46, 16);  
box-shadow:4px 4px 4px 4px rgb(84, 46, 16)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.9420, 32.2780, -1.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 46, 16) }
```

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

```
.background{ background-color: rgb(84, 46,  
16) }
```

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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