

Converting Colors

YIQ(44.2040, 52.6320, 15.3200)

Have a look what the booklet for
YIQ(44.2040, 52.6320, 15.3200)
contains.

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Color

**YIQ(44.2040, 52.6320,
15.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	68140C
RGB	104, 20, 12
RGB Percent	41%, 8%, 5%
CMY	0.5920, 0.9217, 0.9527
CMYK	0.00, 0.81, 0.88, 0.59
HSL	5°, 79%, 23%
HSV	5°, 88%, 41%
XYZ	6.0309, 3.4718, 0.7018
YIQ	44.2040, 52.6320, 15.3200

Conversions

Conversions Part 2

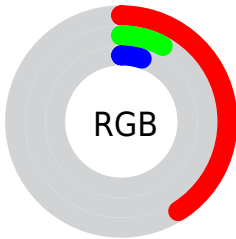
Format	Color
R_{YB}	104, 21, 12
Decimal	6820876
CIE Lab	21.84, 36.32, 27.62
CIE LCh	22, 45.625, 37.255
Yxy	3.4718, 0.5910, 0.3402
Android (android.graphics.Color)	4285010956 (0xFF68140C)
YUV	44.2040, -15.8766, 52.4411
Hunter-Lab	18.6327, 25.1686, 10.8096

Details

The YIQ color **44.2040, 52.6320, 15.3200** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.7960, -52.6320, -15.3200**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **96.0860, 58.7760, 14.1040**, and **15.3630, 30.0750, 11.1230** is the 20% darker color. If you saturate the color by 10%, you get **37.1940, 58.5920, 17.4400**, and if you desaturate by 10%, it is **50.6270, 46.9470, 13.7230**.

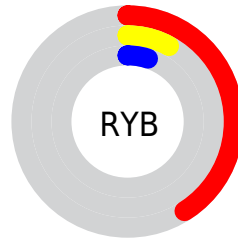
Distribution



Red (41%)

Green (8%)

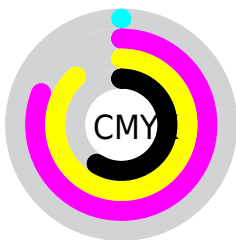
Blue (5%)



Red (41%)

Yellow (8%)

Blue (5%)

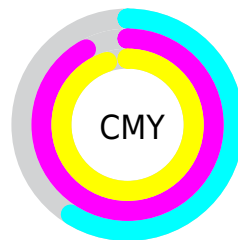


Cyan (0%)

Magenta (81%)

Yellow (88%)

Black (59%)



Cyan (59%)

Magenta (92%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.2040, 52.6320, 15.3200 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 44.2040, 52.6320, 15.3200 by changing the saturation by 10% instead.

■ 44.2040, 52.6320,
15.3200

■ 44.2040, 52.6320,
15.3200

■ 252.9480, 5.7780,
-5.5980

■ 22.7240, 45.2960,
16.1120

■ 96.0860, 58.7760,
14.1040

■ 15.3630, 30.0750,
11.1230

■ 122.3530, 62.3980,
14.5420

■ 0.8970, 1.7880,
0.6360

■ 149.4350, 65.1030,
15.0790

■ 0.0000, 0.0000,
0.0000

■ 177.1040, 67.5330,
15.0930

■ 197.1130, 54.1460,
9.9060

■ 216.6270, 37.7790,

3.6590

■ 236.1410, 21.4120,
-2.5880

■ 44.2040, 52.6320,
15.3200

■ 44.2040, 52.6320,
15.3200

■ 37.1940, 58.5920,
17.4400

■ 50.6270, 46.9470,
13.7230

■ 36.3790, 59.5090,
17.3410

■ 57.7510, 40.6660,
11.9140

■ 64.7610, 34.7060,
9.7940

■ 71.2980, 28.7000,
8.5080

■ 78.3080, 22.7400,
6.3880

■ 84.7310, 17.0550,
4.7910

■ 91.8550, 10.7740,
2.9820

■ 98.2780, 5.0890,
1.3850

■ 105.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



38.1340, 50.7940, 37.6260



44.2040, 52.6320, 15.3200



49.1940, 40.2560, -2.6880

Triad

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



44.2040, 52.6320, 15.3200



40.8910, -25.5790, -26.5310



45.3780, -53.3700, 9.0780

Complementary

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



44.2040, 52.6320, 15.3200



71.7960, -52.6320, -15.3200

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.



50.0910, -54.2400, 2.8160



44.2040, 52.6320, 15.3200



45.5820, -37.4100, -15.8580

Square

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



44.2040, 52.6320, 15.3200



42.0860, -4.2590, -27.4510



49.3440, -48.0030, -5.5950



53.3300, -8.7160, 25.8120

Rectangle

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



44.2040, 52.6320, 15.3200



49.6820, 26.7780, -11.7340



49.3440, -48.0030, -5.5950



47.8400, -54.7910, 7.2970

Sweetspot

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



44.2040, 52.6320, 15.3200



111.5250, 20.6310, 6.0630



49.0840, 27.8680, 45.6280



54.7520, 12.5620, 3.6180



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



44.2040, 52.6320, 15.3200



47.4090, 77.1600, 22.3440



71.2060, 39.9820, -8.7380



47.4950, 2.9800, 1.0600



40.2550, 65.7900, 19.1500



84.6850, 138.4570, 40.3210

Inverse Universe

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



71.7960, -52.6320, -15.3200



88.1780, -77.4350, -22.8670



44.7940, -39.9820, 8.7380



49.5050, -2.9800, -1.0600



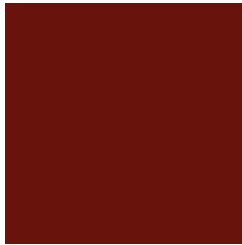
74.7450, -65.7900, -19.1500



157.3150, -138.4570, -40.3210

Previews

White Background



This preview shows how the YIQ color 44.2040, 52.6320, 15.3200 looks on a white background.

Color Contrast Check

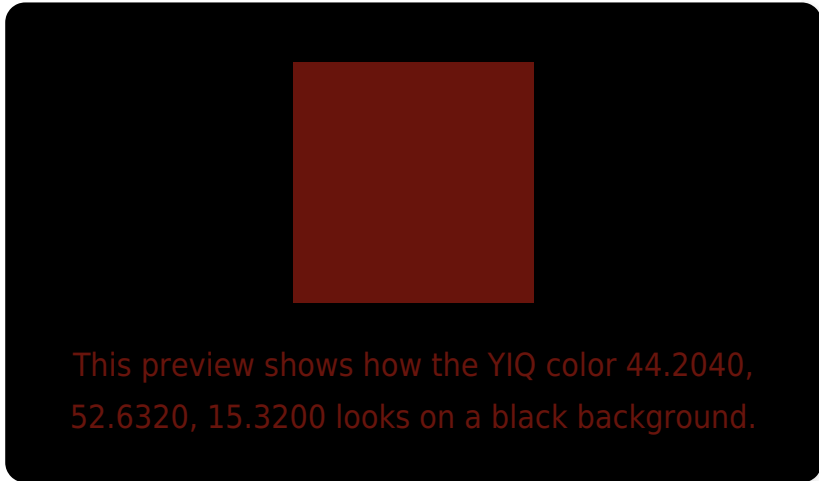
Large Text (above 18pt) WCAG AA ✓ Pass

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

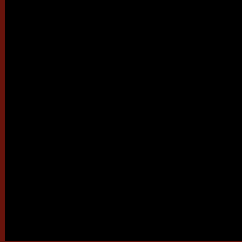
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.2040, 52.6320, 15.3200

Background



This preview shows how black text looks on a background with the YIQ color 44.2040, 52.6320, 15.3200.



This preview shows how white text looks on a background with the YIQ color 44.2040, 52.6320,

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

44.2040, 52.6320, 15.3200

Protanopia

52.8040, 14.8110, -9.6130

Deuteranopia

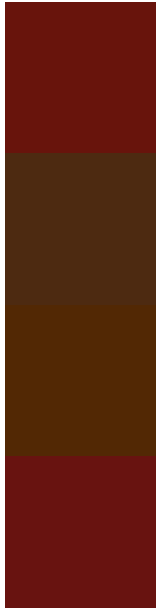
51.1550, 26.8240, -12.5680



Tritanopia

44.4150, 50.6600, 18.0200

Trichromacy



Original Color

44.2040, 52.6320, 15.3200

Protanomaly

49.6150, 28.8850, -0.3550

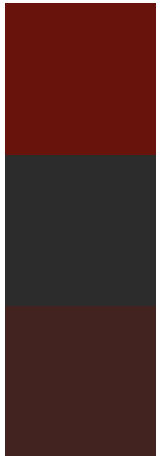
Deuteranomaly

48.4540, 36.5880, -2.2920

Tritanomaly

44.0730, 51.6230, 17.0870

Monochromacy



Original Color

44.2040, 52.6320, 15.3200

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9270, 19.4390, 5.6390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.2040, 52.6320, 15.3200 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(104, 20, 12)` looks like.

```
.text, #text, p{  
    color:rgb(104, 20, 12)  
}
```

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(104, 20, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 20, 12) }
```

Border

The CSS property to change the border of an element to YIQ 44.2040, 52.6320, 15.3200 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(104, 20, 12) }
```


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

```
.border{ border-color:rgb(104, 20, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 20, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 20, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 20, 12);  
box-shadow:4px 4px 4px 4px rgb(104, 20,  
12) }
```

Background

The CSS property to change the background color of an element to YIQ 44.2040, 52.6320, 15.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 20, 12) }
```

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

```
.background{ background-color: rgb(104, 20,  
12) }
```

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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