

Converting Colors

YIQ(56.8960, 20.7240, -1.1320)

Have a look what the booklet for
YIQ(56.8960, 20.7240, -1.1320)
contains.

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Color

**YIQ(56.8960, 20.7240,
-1.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3420
RGB	76, 52, 32
RGB Percent	30%, 20%, 13%
CMY	0.7019, 0.7961, 0.8744
CMYK	0.00, 0.32, 0.58, 0.70
HSL	27°, 41%, 21%
HSV	27°, 58%, 30%
XYZ	4.4700, 4.0965, 1.9234
YIQ	56.8960, 20.7240, -1.1320

Conversions

Conversions Part 2

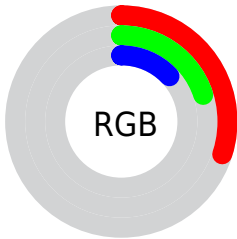
Format	Color
R_{YB}	76, 69, 32
Decimal	4994080
CIE Lab	23.99, 8.12, 16.86
CIE LCh	24, 18.710, 64.287
Yxy	4.0965, 0.4261, 0.3905
Android (android.graphics.Color)	4283184160 (0xFF4C3420)
YUV	56.8960, -12.2737, 16.7542
Hunter-Lab	20.2397, 4.0026, 8.5335




Details

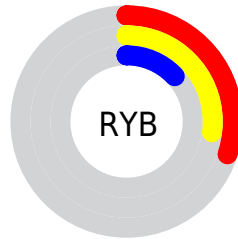
The YIQ color **56.8960, 20.7240, -1.1320** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **51.1040, -20.7240, 1.1320**, and the grayscale version is **57.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **104.1630, 24.3460, -0.6940**, and **13.6660, 15.6800, 2.1760** is the 20% darker color. If you saturate the color by 10%, you get **53.6360, 24.3920, -1.5280**, and if you desaturate by 10%, it is **60.1560, 17.0560, -0.7360**.

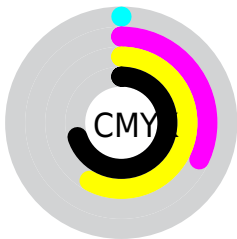
Distribution







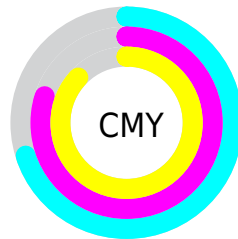
-  Red (30%)
-  Green (20%)
-  Blue (13%)






-  Red (30%)
-  Yellow (27%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (58%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (80%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.8960, 20.7240, -1.1320 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 56.8960, 20.7240, -1.1320 by changing the saturation by 10% instead.

■ 56.8960, 20.7240,
-1.1320

■ 56.8960, 20.7240,
-1.1320

■ 255.0000, -0.0000,
-0.0000

■ 34.8850, 19.2570,
-2.0790

■ 104.1630, 24.3460,
-0.6940

■ 13.6660, 15.6800,
2.1760

■ 129.3480, 25.2630,
-0.7930

■ 0.0000, 0.0000,
0.0000

■ 155.6470, 25.8590,
-0.5810

■ 182.7180, 27.0970,
-0.9910

■ 210.3160, 28.2890,
-0.5670

■ 235.3260, 22.3290,

-2.6870

■ 252.6060, 6.7410,
-6.5310

■ 56.8960, 20.7240,
-1.1320

■ 56.8960, 20.7240,
-1.1320

■ 53.6360, 24.3920,
-1.5280

■ 60.1560, 17.0560,
-0.7360

■ 50.4900, 27.7390,
-1.6130

■ 63.3020, 13.7090,
-0.6510

■ 47.2300, 31.4070,
-2.0090

■ 66.5620, 10.0410,
-0.2550

■ 43.4970, 35.0290,
-1.5710

■ 70.2950, 6.4190,
-0.6930

■ 43.2690, 35.6710,
-2.1930

■ 73.5550, 2.7510,
-0.2970

■ 76.8150, -0.9170,
0.0990

■ 79.9610, -4.2640,
0.1840

■ 83.2210, -7.9320,
0.5800

■ 86.3670, -11.2790,
0.6650

Harmonies

Analogous

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



57.7810, 22.7860, 5.5540



56.8960, 20.7240, -1.1320



55.9010, 13.1600, -7.2240

Triad

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



56.8960, 20.7240, -1.1320



47.2840, -30.5790, -13.0030



58.4700, -3.8990, 10.0930

Complementary

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



56.8960, 20.7240, -1.1320



51.1040, -20.7240, 1.1320

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.



55.3970, -19.9910, 4.3690



56.8960, 20.7240, -1.1320



45.7760, -40.7120, -11.0800

Square

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



56.8960, 20.7240, -1.1320



51.5650, -12.3770, -12.4810



49.0310, -36.8160, -4.5920



58.7660, 9.9470, 12.4670

Rectangle

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



56.8960, 20.7240, -1.1320



55.1990, 6.3290, -10.0790



49.0310, -36.8160, -4.5920



57.6050, -8.7130, 9.2310

Sweetspot

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



56.8960, 20.7240, -1.1320



91.8930, 7.6110, -0.2690



47.8920, 18.5200, 16.7920



46.3380, 4.8600, 0.0280



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



56.8960, 20.7240, -1.1320



69.5290, 32.0030, -1.7970



69.8100, 14.6740, -12.6380



36.3700, 1.8340, -0.1980



57.5000, 48.1420, -2.4340



129.8180, 108.4800, -5.6320

Inverse Universe

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



51.1040, -20.7240, 1.1320



60.4710, -32.0030, 1.7970



38.1900, -14.6740, 12.6380



36.2170, -2.1090, -0.3250



44.5000, -48.1420, 2.4340



99.5950, -108.2050, 6.1550

Previews

White Background



This preview shows how the YIQ color 56.8960, 20.7240, -1.1320 looks on a white background.

Color Contrast Check

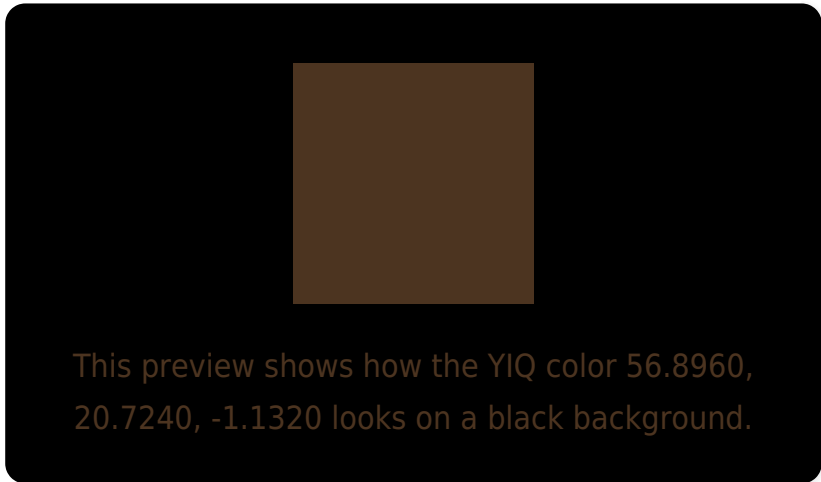
Large Text (above 18pt) WCAG AA ✓ Pass

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

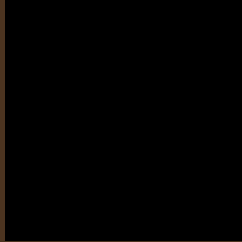
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.8960, 20.7240, -1.1320

Background



This preview shows how black text looks on a background with the YIQ color 56.8960, 20.7240, -1.1320.



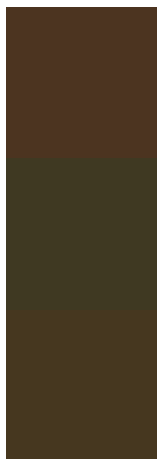
This preview shows how white text looks on a background with the YIQ color 56.8960, 20.7240,

-1.1320.

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

56.8960, 20.7240, -1.1320

Protanopia

56.1720, 10.9590, -5.8810

Deuteranopia

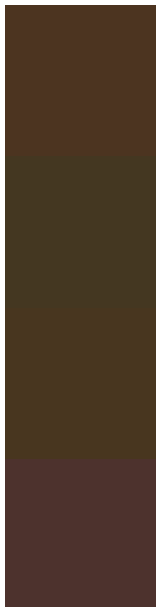
56.7490, 16.6440, -4.2840



Tritanopia

58.1270, 16.0000, 7.3920

Trichromacy



Original Color

56.8960, 20.7240, -1.1320

Protanomaly

56.3790, 14.8100, -4.0860

Deuteranomaly

56.7600, 18.1110, -3.3370

Tritanomaly

57.5030, 17.6970, 4.1690

Monochromacy



Original Color

56.8960, 20.7240, -1.1320

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8930, 7.6110, -0.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.8960, 20.7240, -1.1320 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(76, 52, 32)` looks like.

```
.text, #text, p{  
    color:rgb(76, 52, 32)  
}
```

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(76, 52, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 52, 32) }
```

Border

The CSS property to change the border of an element to YIQ 56.8960, 20.7240, -1.1320 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(76, 52, 32) }
```


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

```
.border{ border-color:rgb(76, 52, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 52, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 52, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 52, 32);  
box-shadow:4px 4px 4px 4px rgb(76, 52, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.8960, 20.7240, -1.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 52, 32) }
```

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

```
.background{ background-color: rgb(76, 52,  
32) }
```

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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