

Converting Colors

YIQ(59.1290, 21.6860, 3.4620)

Have a look what the booklet for
YIQ(59.1290, 21.6860, 3.4620)
contains.

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Color

**YIQ(59.1290, 21.6860,
3.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	523329
RGB	82, 51, 41
RGB Percent	32%, 20%, 16%
CMY	0.6784, 0.8000, 0.8391
CMYK	0.00, 0.38, 0.50, 0.68
HSL	15°, 33%, 24%
HSV	15°, 50%, 32%
XYZ	5.0651, 4.3214, 2.6672
YIQ	59.1290, 21.6860, 3.4620

Conversions

Conversions Part 2

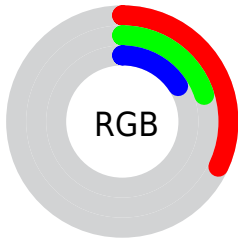
Format	Color
RYB	82, 54, 41
Decimal	5387049
CIELab	24.71, 12.70, 12.10
CIELCh	25, 17.539, 43.620
Yxy	4.3214, 0.4202, 0.3585
Android (android.graphics.Color)	4283577129 (0xFF523329)
YUV	59.1290, -8.9376, 20.0579
Hunter-Lab	20.7879, 7.1135, 6.9445




Details

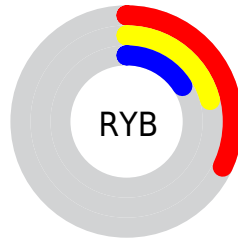
The YIQ color **59.1290, 21.6860, 3.4620** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **63.8710, -21.6860, -3.4620**, and the grayscale version is **59.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **107.0970, 24.7120, 3.6880**, and **15.1720, 20.1270, 4.1830** is the 20% darker color. If you saturate the color by 10%, you get **54.6950, 25.9040, 4.1120**, and if you desaturate by 10%, it is **63.5630, 17.4680, 2.8120**.

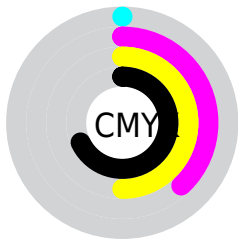
Distribution







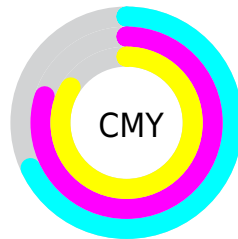
-  Red (32%)
-  Green (20%)
-  Blue (16%)






-  Red (32%)
-  Yellow (21%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (50%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (80%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.1290, 21.6860, 3.4620 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 59.1290, 21.6860, 3.4620 by changing the saturation by 10% instead.

■ 59.1290, 21.6860,
3.4620

■ 59.1290, 21.6860,
3.4620

■ 255.0000, -0.0000,
-0.0000

■ 37.3460, 19.5770,
3.1370

■ 107.0970, 24.7120,
3.6880

■ 14.5850, 20.4020,
4.7060

■ 132.6950, 25.9040,
4.1120

■ 0.0000, 0.0000,
0.0000

■ 158.2930, 27.0960,
4.5360

■ 185.4780, 28.0130,
4.4370

■ 213.6630, 28.9300,
4.3380

■ 236.5800, 18.7980,

0.7340

■ 253.9740, 2.8890,
-2.7990

■ 59.1290, 21.6860,
3.4620

■ 59.1290, 21.6860,
3.4620

■ 54.6950, 25.9040,
4.1120

■ 63.5630, 17.4680,
2.8120

■ 50.2610, 30.1220,
4.7620

■ 67.9970, 13.2500,
2.1620

■ 45.1260, 34.9360,
5.6240

■ 73.1320, 8.4360,
1.3000

■ 40.6920, 39.1540,
6.2740

■ 77.5660, 4.2180,
0.6500

■ 36.2580, 43.3720,
6.9240

■ 82.0000, 0.0000,
-0.0000

■ 86.4340, -4.2180,
-0.6500

■ 90.8680, -8.4360,
-1.3000

■ 96.0030, -13.2500,
-2.1620

■ 100.4370,
-17.4680, -2.8120

Harmonies

Analogous

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



59.6330, 20.4470, 9.3990



59.1290, 21.6860, 3.4620



58.1730, 18.3860, -2.8140

Triad

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



59.1290, 21.6860, 3.4620



52.9390, -16.3660, -11.7740



58.2730, -13.7100, 6.1780

Complementary

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



59.1290, 21.6860, 3.4620



63.8710, -21.6860, -3.4620

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.



54.0430, -27.9220, -0.5780



59.1290, 21.6860, 3.4620



49.6260, -31.5420, -12.0700

Square

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



59.1290, 21.6860, 3.4620



55.4800, -1.8320, -10.8560



48.9120, -38.0990, -8.8750



60.3350, 0.9150, 10.9550

Rectangle

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



59.1290, 21.6860, 3.4620



57.4280, 13.1140, -6.3900



48.9120, -38.0990, -8.8750



56.8810, -18.4780, 4.4820

Sweetspot

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



59.1290, 21.6860, 3.4620



98.1320, 8.4360, 1.3000



56.7930, 14.4850, 18.3330



48.1640, 5.4100, 1.0740



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



59.1290, 21.6860, 3.4620



70.9410, 34.0190, 5.7230



70.8690, 16.1860, -6.9980



38.7830, 2.1090, 0.3250



46.0700, 55.7050, 9.1850



102.2400, 122.8720, 19.8960

Inverse Universe

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



63.8710, -21.6860, -3.4620



78.4720, -33.7440, -5.2000



52.1310, -16.1860, 6.9980



39.2170, -2.1090, -0.3250



58.3430, -55.4300, -8.6620



129.7600, -122.8720, -19.8960

Previews

White Background



This preview shows how the YIQ color 59.1290, 21.6860, 3.4620 looks on a white background.

Color Contrast Check

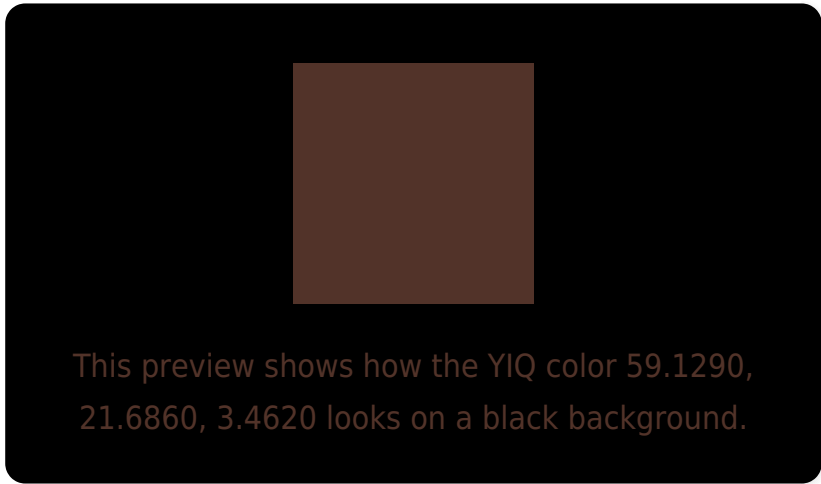
Large Text (above 18pt) WCAG AA ✓ Pass

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

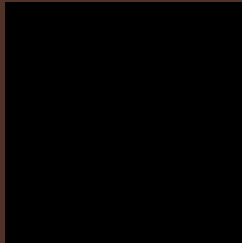
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.1290, 21.6860, 3.4620

Background



This preview shows how black text looks on a background with the YIQ color 59.1290, 21.6860, 3.4620.



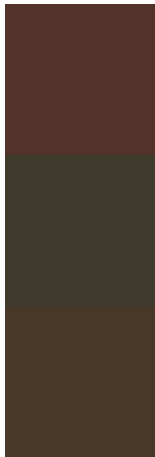
This preview shows how white text looks on a background with the YIQ color 59.1290, 21.6860,

3.4620.

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

59.1290, 21.6860, 3.4620

Protanopia

58.4860, 7.1990, -3.8170

Deuteranopia

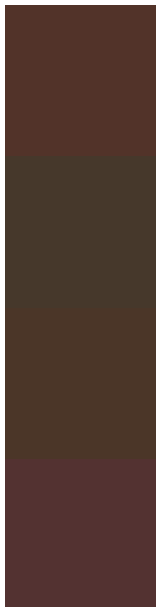
58.6610, 14.0760, -1.7960



Tritanopia

59.6220, 18.9800, 8.4520

Trichromacy



Original Color

59.1290, 21.6860, 3.4620

Protanomaly

58.7040, 12.5170, -1.0750

Deuteranomaly

58.6830, 17.0100, 0.0980

Tritanomaly

59.7530, 19.9890, 6.6850

Monochromacy



Original Color

59.1290, 21.6860, 3.4620

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.8330, 7.8400, 1.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.1290, 21.6860, 3.4620 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(82, 51, 41)` looks like.

```
.text, #text, p{  
    color:rgb(82, 51, 41)  
}
```

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(82, 51, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 51, 41) }
```

Border

The CSS property to change the border of an element to YIQ 59.1290, 21.6860, 3.4620 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(82, 51, 41) }
```


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

```
.border{ border-color:rgb(82, 51, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 51, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 51, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 51, 41);  
box-shadow:4px 4px 4px 4px rgb(82, 51, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.1290, 21.6860, 3.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 51, 41) }
```

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

```
.background{ background-color: rgb(82, 51,  
41) }
```

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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