

Converting Colors

YIQ(62.1210, 33.3320, 1.6520)

Have a look what the booklet for
YIQ(62.1210, 33.3320, 1.6520)
contains.

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Color

**YIQ(62.1210, 33.3320,
1.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	5F341C
RGB	95, 52, 28
RGB Percent	37%, 20%, 11%
CMY	0.6274, 0.7961, 0.8900
CMYK	0.00, 0.45, 0.70, 0.63
HSL	21°, 54%, 24%
HSV	21°, 70%, 37%
XYZ	6.1589, 4.9725, 1.7362
YIQ	62.1210, 33.3320, 1.6520

Conversions

Conversions Part 2

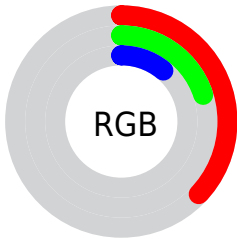
Format	Color
RYB	95, 65, 28
Decimal	6239260
CIELab	26.66, 16.97, 23.21
CIElCh	27, 28.746, 53.830
Yxy	4.9725, 0.4786, 0.3864
Android (android.graphics.Color)	4284429340 (0xFF5F341C)
YUV	62.1210, -16.8217, 28.8349
Hunter-Lab	22.2991, 10.2774, 10.9930




Details

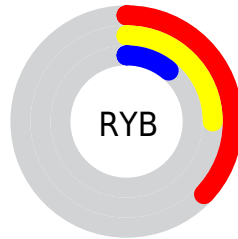
The YIQ color **62.1210, 33.3320, 1.6520** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.8790, -33.3320, -1.6520**, and the grayscale version is **62.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **110.8720, 38.4670, 2.2030**, and **18.7380, 24.3450, 4.8330** is the 20% darker color. If you saturate the color by 10%, you get **57.5730, 37.8710, 1.9910**, and if you desaturate by 10%, it is **66.7830, 28.4720, 1.6240**.

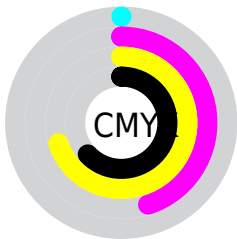
Distribution







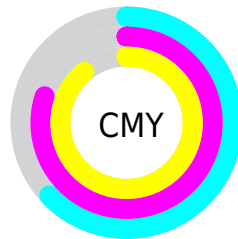
-  Red (37%)
-  Green (20%)
-  Blue (11%)






-  Red (37%)
-  Yellow (25%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (45%)
-  Yellow (70%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (80%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 62.1210, 33.3320, 1.6520 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 62.1210, 33.3320, 1.6520 by changing the saturation by 10% instead.

■ 62.1210, 33.3320,
1.6520

■ 62.1210, 33.3320,
1.6520

■ 255.0000, -0.0000,
-0.0000

■ 38.9960, 32.1860,
0.3940

■ 110.8720, 38.4670,
2.2030

■ 18.7380, 24.3450,
4.8330

■ 136.3560, 39.9800,
2.3160

■ 2.0930, 4.1720,
1.4840

■ 163.1390, 42.0890,
2.6410

■ 0.0000, 0.0000,
0.0000

■ 190.6230, 43.6020,
2.7540

■ 215.8290, 40.0260,
1.4820

■ 235.9300, 23.3840,

-5.2880

252.1500, 8.0250,
-7.7750

62.1210, 33.3320,
1.6520

62.1210, 33.3320,
1.6520

57.5730, 37.8710,
1.9910

66.7830, 28.4720,
1.6240

52.9110, 42.7310,
2.0190

71.3310, 23.9330,
1.2850

48.3630, 47.2700,
2.3580

75.9930, 19.0730,
1.2570

80.5410, 14.5340,
0.9180

85.7900, 9.3990,
0.3670

■ 90.3380, 4.8600,
0.0280

■ 95.0000, -0.0000,
-0.0000

■ 99.5480, -4.5390,
-0.3390

■ 104.2100, -9.3990,
-0.3670

Harmonies

Analogous

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



62.5700, 33.9260, 12.9180



62.1210, 33.3320, 1.6520



60.7790, 25.1270, -9.3450

Triad

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



62.1210, 33.3320, 1.6520



50.0500, -38.9680, -20.6640



63.1190, -15.9120, 13.0480

Complementary

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



62.1210, 33.3320, 1.6520



60.8790, -33.3320, -1.6520

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.



51.5270, -52.7720, -1.7640



62.1210, 33.3320, 1.6520



52.5580, -46.0300, -13.8220

Square

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



62.1210, 33.3320, 1.6520



55.0500, -12.6050, -19.3650



53.4360, -51.2580, -7.1780



65.2100, 8.9370, 19.7610

Rectangle

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



62.1210, 33.3320, 1.6520



59.9410, 15.6830, -14.4050



53.4360, -51.2580, -7.1780



61.3350, -25.4480, 9.6560

Sweetspot

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



62.1210, 33.3320, 1.6520



109.7580, 12.4250, 0.5930



53.0490, 25.8080, 27.8880



53.4200, 7.5650, 0.5650



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



62.1210, 33.3320, 1.6520



71.4020, 51.5340, 2.1740



81.4920, 24.2570, -15.6070



45.7830, 2.1090, 0.3250



56.9680, 55.7520, 2.8240



122.2420, 119.3900, 5.9020

Inverse Universe

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



60.8790, -33.3320, -1.6520



69.1850, -51.8090, -2.6970



41.5080, -24.2570, 15.6070



46.2170, -2.1090, -0.3250



55.0320, -55.7520, -2.8240



117.7580, -119.3900, -5.9020

Previews

White Background



This preview shows how the YIQ color 62.1210, 33.3320, 1.6520 looks on a white background.

Color Contrast Check

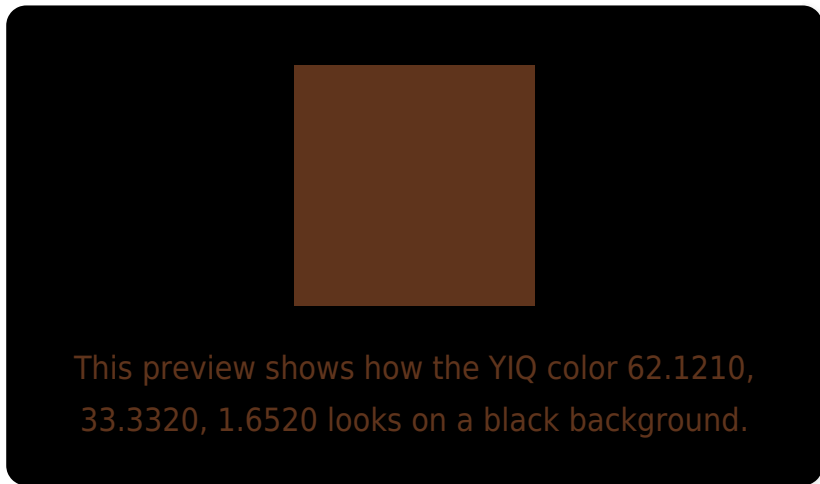
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.1210, 33.3320, 1.6520

Background



This preview shows how black text looks on a background with the YIQ color 62.1210, 33.3320, 1.6520.

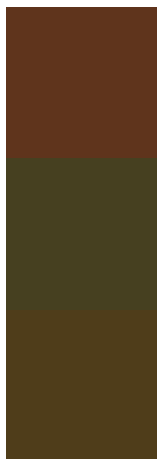


This preview shows how white text looks on a background with the YIQ color 62.1210, 33.3320,

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

62.1210, 33.3320, 1.6520

Protanopia

62.1460, 13.8480, -8.6800

Deuteranopia

62.3920, 21.9630, -7.0690



Tritanopia

63.5090, 26.7280, 11.2080

Trichromacy



Original Color

62.1210, 33.3320, 1.6520

Protanomaly

62.3750, 20.6330, -4.9910

Deuteranomaly

62.5390, 26.0430, -3.9170

Tritanomaly

63.0700, 29.3420, 7.8860

Monochromacy



Original Color

62.1210, 33.3320, 1.6520

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8720, 12.1040, 0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 62.1210, 33.3320, 1.6520 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(95, 52, 28)` looks like.

```
.text, #text, p{  
    color:rgb(95, 52, 28)  
}
```

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(95, 52, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 52, 28) }
```

Border

The CSS property to change the border of an element to YIQ 62.1210, 33.3320, 1.6520 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(95, 52, 28) }
```


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

```
.border{ border-color:rgb(95, 52, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 52, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 52, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 52, 28);  
box-shadow:4px 4px 4px 4px rgb(95, 52, 28)  
}
```

Background

The CSS property to change the background color of an element to YIQ 62.1210, 33.3320, 1.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 52, 28) }
```

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

```
.background{ background-color: rgb(95, 52,  
28) }
```

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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