

Converting Colors

YIQ(65.2610, 20.9540, -5.3020)

Have a look what the booklet for
YIQ(65.2610, 20.9540, -5.3020)
contains.

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Color

**YIQ(65.2610, 20.9540,
-5.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	523F21
RGB	82, 63, 33
RGB Percent	32%, 25%, 13%
CMY	0.6784, 0.7530, 0.8705
CMYK	0.00, 0.23, 0.60, 0.68
HSL	37°, 43%, 23%
HSV	37°, 60%, 32%
XYZ	5.5322, 5.4582, 2.2028
YIQ	65.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

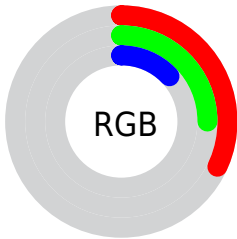
Format	Color
RYB	64, 82, 33
Decimal	5390113
CIELab	28.00, 4.11, 21.37
CIELCh	28, 21.761, 79.122
Yxy	5.4582, 0.4193, 0.4137
Android (android.graphics.Color)	4283580193 (0xFF523F21)
YUV	65.2610, -15.9047, 14.6801
Hunter-Lab	23.3628, 1.3831, 10.7637

Details

The YIQ color **65.2610, 20.9540, -5.3020** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **49.7390, -20.9540, 5.3020**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.2290, 23.9800, -5.0760**, and **22.7920, 15.0850, -3.5630** is the 20% darker color. If you saturate the color by 10%, you get **62.5880, 24.3470, -6.2210**, and if you desaturate by 10%, it is **67.9340, 17.5610, -4.3830**.

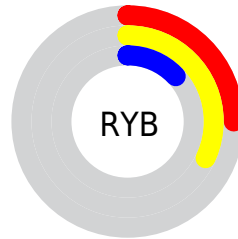
Distribution



Red (32%)

Green (25%)

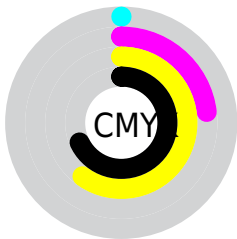
Blue (13%)



Red (25%)

Yellow (32%)

Blue (13%)

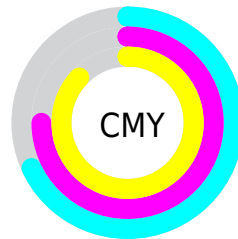


Cyan (0%)

Magenta (23%)

Yellow (60%)

Black (68%)



Cyan (68%)

Magenta (75%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.2610, 20.9540, -5.3020 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 65.2610, 20.9540, -5.3020 by changing the saturation by 10% instead.

65.2610, 20.9540,
-5.3020

65.2610, 20.9540,
-5.3020

255.0000, -0.0000,
-0.0000

42.6630, 19.7620,
-5.7260

113.2290, 23.9800,
-5.0760

22.7920, 15.0850,
-3.5630

139.3000, 25.2180,
-5.4860

0.0000, 0.0000,
0.0000

165.5990, 25.8140,
-5.2740

192.7840, 26.7310,
-5.3730

220.8550, 27.9690,
-5.7830

243.7720, 17.8370,

-9.3870

■ 252.8340, 6.0990,
-5.9090

■ 65.2610, 20.9540,
-5.3020

■ 65.2610, 20.9540,
-5.3020

■ 62.5880, 24.3470,
-6.2210

■ 67.9340, 17.5610,
-4.3830

■ 59.9150, 27.7400,
-7.1400

■ 70.6070, 14.1680,
-3.4640

■ 56.5410, 31.7290,
-7.8470

■ 73.9810, 10.1790,
-2.7570

■ 53.8680, 35.1220,
-8.7660

■ 76.6540, 6.7860,
-1.8380

■ 79.3270, 3.3930,
-0.9190

■ 82.0000, 0.0000,
-0.0000

■ 84.6730, -3.3930,
0.9190

■ 87.4600, -7.1070,
2.1490

■ 90.7200, -10.7750,
2.5450

Harmonies

Analogous

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



66.2390, 27.1880, 2.8680



65.2610, 20.9540, -5.3020



63.5260, 9.7220, -10.9980

Triad

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



65.2610, 20.9540, -5.3020



52.6890, -45.0210, -15.5890



68.2970, 4.0780, 14.2060

Complementary

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



65.2610, 20.9540, -5.3020



49.7390, -20.9540, 5.3020

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.



66.3810, -13.8940, 9.5140



65.2610, 20.9540, -5.3020



53.2250, -49.2860, -9.8780

Square

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



65.2610, 20.9540, -5.3020



57.0410, -25.5810, -15.4770



60.4490, -34.9370, -0.0970



67.5390, 18.0160, 14.9120

Rectangle

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



65.2610, 20.9540, -5.3020



62.2690, 0.1400, -13.5560



60.4490, -34.9370, -0.0970



67.8340, -1.9280, 12.9200

Sweetspot

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



65.2610, 20.9540, -5.3020



100.7250, 8.0240, -2.2480



49.9310, 22.7840, 16.6080



49.6970, 5.2270, -1.1170



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.



65.2610, 20.9540, -5.3020



80.6120, 32.9670, -8.2570



74.9190, 12.7490, -16.2990



39.3700, 1.8340, -0.1980



68.9630, 44.9800, -11.2120



152.7220, 99.2220, -25.0820

Inverse Universe

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



49.7390, -20.9540, 5.3020



56.3880, -32.9670, 8.2570



40.0810, -12.7490, 16.2990



38.0430, -1.5590, 0.7210



36.0370, -44.9800, 11.2120



79.2780, -99.2220, 25.0820

Previews

White Background



This preview shows how the YIQ color 65.2610, 20.9540, -5.3020 looks on a white background.

Color Contrast Check

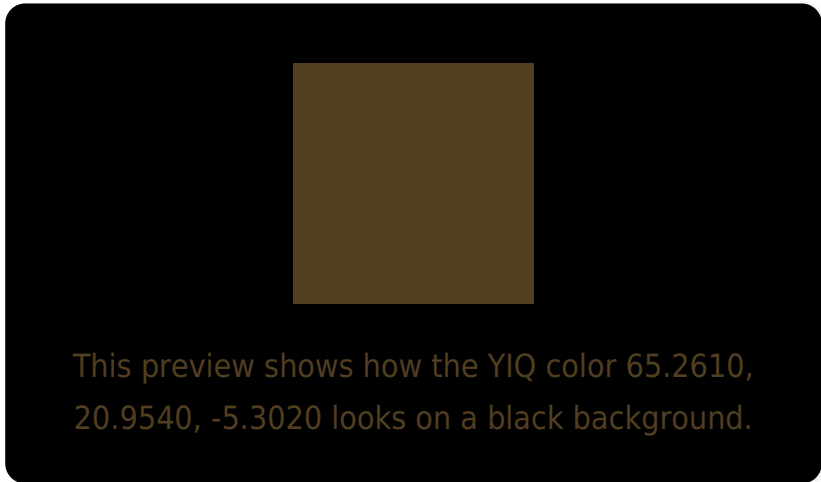
Large Text (above 18pt) WCAG AA ✓ Pass

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

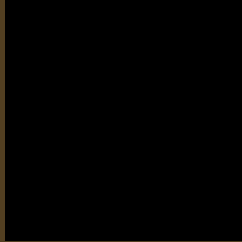
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2610, 20.9540, -5.3020

Background



This preview shows how black text looks on a background with the YIQ color 65.2610, 20.9540, -5.3020.



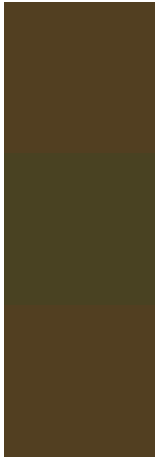
This preview shows how white text looks on a background with the YIQ color 65.2610, 20.9540,

-5.3020.

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

65.2610, 20.9540, -5.3020

Protanopia

64.4450, 14.4440, -8.4680

Deuteranopia

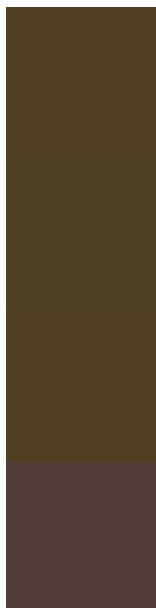
65.2610, 20.9540, -5.3020



Tritanopia

67.0450, 13.2950, 6.8550

Trichromacy



Original Color

65.2610, 20.9540, -5.3020

Protanomaly

64.7550, 16.5070, -7.3090

Deuteranomaly

65.2610, 20.9540, -5.3020

Tritanomaly

66.0790, 15.9550, 2.6990

Monochromacy



Original Color

65.2610, 20.9540, -5.3020

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8390, 7.7030, -1.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2610, 20.9540, -5.3020 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, 63, 33)` looks like.

```
.text, #text, p{  
    color:rgb(82, 63, 33)  
}
```

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, 63, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 63, 33) }
```

Border

The CSS property to change the border of an element to YIQ 65.2610, 20.9540, -5.3020 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, 63, 33) }
```


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

```
.border{ border-color:rgb(82, 63, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 63, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 63, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 63, 33);  
box-shadow:4px 4px 4px 4px rgb(82, 63, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 65.2610, 20.9540, -5.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 63, 33) }
```

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

```
.background{ background-color: rgb(82, 63,  
33) }
```

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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