

Converting Colors

YIQ(55.4920, 24.2570, -15.6070)

Have a look what the booklet for
YIQ(55.4920, 24.2570, -15.6070)
contains.

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Color

**YIQ(55.4920, 24.2570,
-15.6070)**

Conversions

Conversions Part 1	
Format	Color
Hex	453B02
RGB	69, 59, 2
RGB Percent	27%, 23%, 1%
CMY	0.7294, 0.7686, 0.9920
CMYK	0.00, 0.14, 0.97, 0.73
HSL	51°, 94%, 14%
HSV	51°, 97%, 27%
XYZ	4.0289, 4.3970, 0.6948
YIQ	55.4920, 24.2570, -15.6070

Conversions

Conversions Part 2

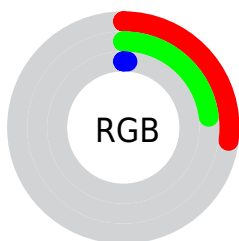
Format	Color
RYB	14, 69, 2
Decimal	4537090
CIELab	24.94, -2.14, 33.07
CIELCh	25, 33.136, 93.706
Yxy	4.3970, 0.4417, 0.4821
Android (android.graphics.Color)	4282727170 (0xFF453B02)
YUV	55.4920, -26.3716, 11.8465
Hunter-Lab	20.9691, -2.3997, 12.7138

Details

The YIQ color **55.4920, 24.2570, -15.6070** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.5080, -24.2570, 15.6070**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8020, 26.3200, -14.4480**, and **15.6600, 6.6490, -4.8630** is the 20% darker color. If you saturate the color by 10%, you get **55.2640, 24.8990, -16.2290**, and if you desaturate by 10%, it is **56.8770, 21.7350, -13.9530**.

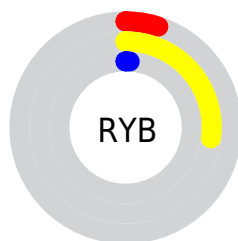
Distribution



Red (27%)

Green (23%)

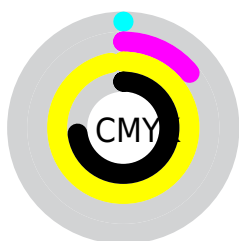
Blue (1%)



Red (5%)

Yellow (27%)

Blue (1%)

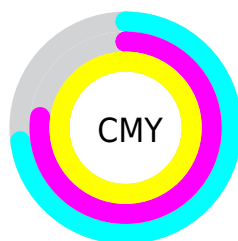


Cyan (0%)

Magenta (14%)

Yellow (97%)

Black (73%)



Cyan (73%)


Magenta (77%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 55.4920, 24.2570, -15.6070 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 55.4920, 24.2570, -15.6070 by changing the saturation by 10% instead.


 55.4920, 24.2570,
-15.6070


 55.4920, 24.2570,
-15.6070


 252.4920, 7.0620,
-6.8420

 35.7610, 16.3700,
-10.3340


 103.8020, 26.3200,
-14.4480


 15.6600, 6.6490,
-4.8630

 129.1720, 28.1540,
-14.6460

 0.0000, 0.0000,
0.0000


 155.3570, 29.0710,
-14.7450


 182.4280, 30.3090,
-15.1550


 210.0260, 31.5010,
-14.7310


 237.3030, 29.1630,


-16.4130


 249.1860, 16.3710,
-15.8610


 55.4920, 24.2570,
-15.6070


 55.4920, 24.2570,
-15.6070


 55.2640, 24.8990,
-16.2290

 56.8770, 21.7350,
-13.9530

 58.2620, 19.2130,
-12.2990

 59.6470, 16.6910,
-10.6450

 61.0320, 14.1690,
-8.9910

 62.4170, 11.6470,
-7.3370

■ 63.6880, 9.4460,
-5.9940

■ 65.0730, 6.9240,
-4.3400

■ 66.4580, 4.4020,
-2.6860

■ 67.8430, 1.8800,
-1.0320

Harmonies

Analogous

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



57.3290, 35.4420, -3.5500



55.4920, 24.2570, -15.6070



53.0810, 3.3050, -21.3590

Triad

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



55.4920, 24.2570, -15.6070



51.4810, -47.1310, -10.3870



60.3360, 17.5100, 24.0860

Complementary

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



55.4920, 24.2570, -15.6070



15.5080, -24.2570, 15.6070

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.



60.5870, -8.3020, 18.3060



55.4920, 24.2570, -15.6070



51.7720, -52.0840, -3.2200

Square

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



55.4920, 24.2570, -15.6070



48.7450, -39.4270, -17.8510



48.2330, -51.7640, 1.9960



58.1390, 34.0620, 21.4700

Rectangle

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



55.4920, 24.2570, -15.6070



48.4900, -16.9600, -23.0400



48.2330, -51.7640, 1.9960



61.0900, 9.3950, 22.4750

Sweetspot

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



55.4920, 24.2570, -15.6070



83.6880, 9.4460, -5.9940



23.1730, 36.7220, 17.3140



43.0020, 5.6860, -3.9300



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



55.4920, 24.2570, -15.6070



71.2230, 32.1440, -20.8800



54.4850, 7.7990, -25.7130



34.9570, 1.5590, -0.7210



79.4960, 35.6290, -23.4670



181.1640, 82.2170, -52.8150

Inverse Universe

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



15.5080, -24.2570, 15.6070



17.7770, -32.1440, 20.8800



16.5150, -7.7990, 25.7130



33.0430, -1.5590, 0.7210



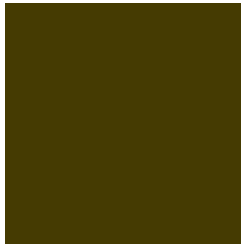
20.0910, -35.9040, 22.9440



45.8360, -82.2170, 52.8150

Previews

White Background



This preview shows how the YIQ color 55.4920, 24.2570, -15.6070 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



This preview shows how the YIQ color 55.4920, 24.2570, -15.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

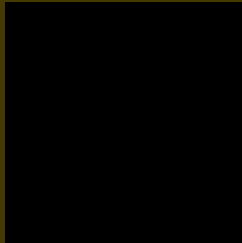
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.4920, 24.2570, -15.6070

Background



This preview shows how black text looks on a background with the YIQ color 55.4920, 24.2570, -15.6070.



This preview shows how white text looks on a background with the YIQ color 55.4920, 24.2570,

-15.6070.

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

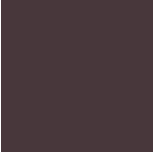
55.4920, 24.2570, -15.6070

Protanopia

55.5950, 22.4690, -16.2430

Deuteranopia

56.0950, 27.0530, -11.2110



Tritanopia

60.5390, 8.8480, 4.8480

Trichromacy



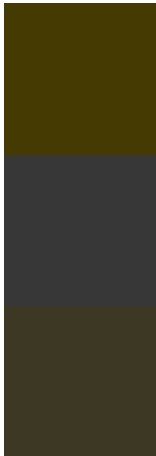
Original Color
55.4920, 24.2570, -15.6070

Protanomaly
55.8940, 23.0650, -16.0310

Deuteranomaly
55.8560, 26.2280, -12.7800

Tritanomaly
58.4330, 14.7180, -2.4180

Monochromacy



Original Color
55.4920, 24.2570, -15.6070

Achromatopsia
55.0000, 0.0000, 0.0000

Achromatomaly
54.9160, 8.8040, -5.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.4920, 24.2570, -15.6070 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(69, 59, 2)` looks like.

```
.text, #text, p{  
    color:rgb(69, 59, 2)  
}
```

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(69, 59, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 59, 2) }
```

Border

The CSS property to change the border of an element to YIQ 55.4920, 24.2570, -15.6070 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(69, 59, 2) }
```


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

```
.border{ border-color:rgb(69, 59, 2) }
```

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

Here you see how a box with a 4 pixel rgb(69, 59, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 59, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(69, 59, 2); box-shadow:4px  
4px 4px 4px rgb(69, 59, 2) }
```

Background

The CSS property to change the background color of an element to YIQ 55.4920, 24.2570, -15.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 59, 2) }
```

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

```
.background{ background-color: rgb(69, 59,  
2) }
```

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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