

Converting Colors

YIQ(53.2520, 26.3140, 18.7140)

Have a look what the booklet for
YIQ(53.2520, 26.3140, 18.7140)
contains.

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Color

**YIQ(53.2520, 26.3140,
18.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2238
RGB	90, 34, 56
RGB Percent	35%, 13%, 22%
CMY	0.6469, 0.8667, 0.7803
CMYK	0.00, 0.62, 0.38, 0.65
HSL	336°, 45%, 24%
HSV	336°, 62%, 35%
XYZ	5.5058, 3.6040, 4.1497
YIQ	53.2520, 26.3140, 18.7140

Conversions

Conversions Part 2

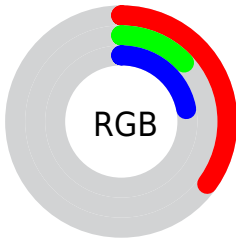
Format	Color
R_{YB}	90, 34, 56
Decimal	5907000
CIE _{Lab}	22.32, 28.31, -1.24
CIE _{LCh}	22, 28.333, 357.487
Yxy	3.6040, 0.4152, 0.2718
Android (android.graphics.Color)	4284097080 (0xFF5A2238)
YUV	53.2520, 1.3548, 32.2280
Hunter-Lab	18.9842, 18.5464, 0.3289

Details

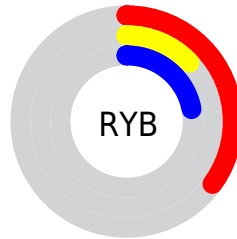
The YIQ color **53.2520, 26.3140, 18.7140** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.7480, -26.3140, -18.7140**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.7470, 29.2940, 19.7740**, and **14.3390, 21.4550, 13.1590** is the 20% darker color. If you saturate the color by 10%, you get **47.3990, 30.3940, 21.8660**, and if you desaturate by 10%, it is **59.1050, 22.2340, 15.5620**.

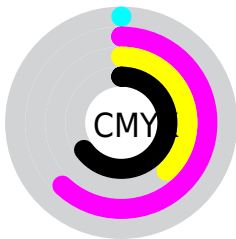
Distribution



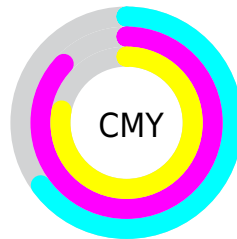
- Red (35%)
- Green (13%)
- Blue (22%)



- Red (35%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (38%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.2520, 26.3140, 18.7140 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 53.2520, 26.3140, 18.7140 by changing the saturation by 10% instead.

■ 53.2520, 26.3140,
18.7140

■ 53.2520, 26.3140,
18.7140

■ 255.0000, -0.0000,
-0.0000

■ 29.2950, 24.7550,
19.4350

■ 101.7470, 29.2940,
19.7740

■ 14.3390, 21.4550,
13.1590

■ 127.6440, 31.0820,
20.4100

■ 0.0000, 0.0000,
0.0000

■ 154.2420, 32.2740,
20.8340

■ 180.9540, 33.1450,
21.5690

■ 209.1390, 34.0620,
21.4700

■ 228.7670, 17.3740,

15.5340

247.3690, 3.5750,
6.7990

53.2520, 26.3140,
18.7140

53.2520, 26.3140,
18.7140

47.3990, 30.3940,
21.8660

59.1050, 22.2340,
15.5620

41.4320, 34.7950,
24.7070

65.0720, 17.8330,
12.7210

35.5790, 38.8750,
27.8590

70.9250, 13.7530,
9.5690

30.9000, 42.4050,
29.9650

76.8920, 9.3520,
6.7280

82.7450, 5.2720,
3.5760

■ 88.7120, 0.8710,
0.7350

■ 94.5650, -3.2090,
-2.4170

■ 100.5320, -7.6100,
-5.2580

■ 106.3850,
-11.6900, -8.4100

Harmonies

Analogous

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



55.1670, 10.4960, 19.0400



53.2520, 26.3140, 18.7140



52.3310, 33.1010, 11.3490

Triad

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



53.2520, 26.3140, 18.7140



48.9830, 6.6970, -16.7510



45.9530, -45.3440, -4.2240

Complementary

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



53.2520, 26.3140, 18.7140



70.7480, -26.3140, -18.7140

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.



45.1890, -40.4370, -10.5570



53.2520, 26.3140, 18.7140



44.5980, -17.1440, -19.7040

Square

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



53.2520, 26.3140, 18.7140



51.0560, 22.7890, -11.0270



42.7950, -33.6960, -17.0880



43.7020, -45.8950, 0.2570

Rectangle

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



53.2520, 26.3140, 18.7140



52.4030, 32.5980, 3.9420



42.7950, -33.6960, -17.0880



45.9700, -44.0140, -6.3020

Sweetspot

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



53.2520, 26.3140, 18.7140



102.6040, 10.2230, 7.4630



50.5500, 2.2880, 24.6240



49.7560, 6.7390, 4.5230



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



53.2520, 26.3140, 18.7140



59.3020, 41.2130, 29.5410



54.2660, 31.7260, 8.7340



42.7230, 2.3380, 1.6820



37.7920, 51.7570, 36.6930



81.4650, 111.3990, 79.1670

Inverse Universe

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



53.2520, 26.3140, 18.7140



59.3020, 41.2130, 29.5410



69.7340, -31.7260, -8.7340



42.7230, 2.3380, 1.6820



37.7920, 51.7570, 36.6930



81.4650, 111.3990, 79.1670

Previews

White Background



This preview shows how the YIQ color 53.2520, 26.3140, 18.7140 looks on a white background.

Color Contrast Check

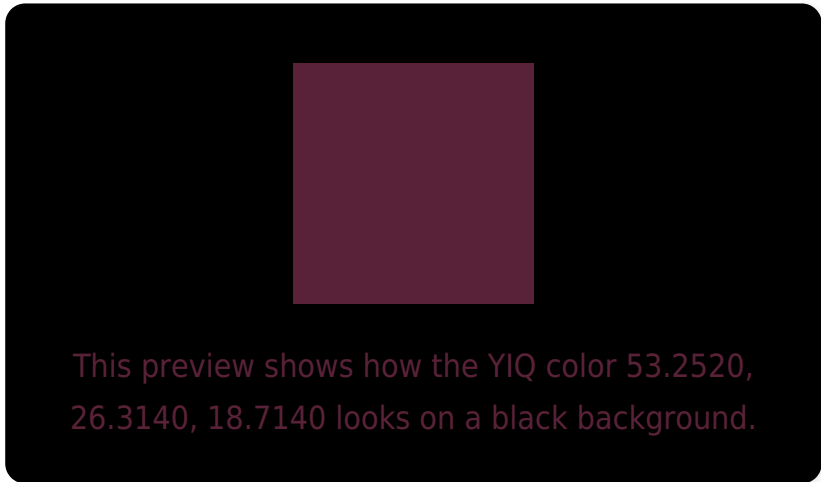
Large Text (above 18pt) WCAG AA ✓ Pass

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

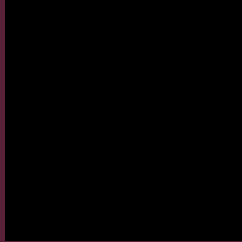
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.2520, 26.3140, 18.7140

Background



This preview shows how black text looks on a background with the YIQ color 53.2520, 26.3140, 18.7140.



This preview shows how white text looks on a background with the YIQ color 53.2520, 26.3140,

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

53.2520, 26.3140, 18.7140

Protanopia

54.6990, -6.2820, 3.7180

Deuteranopia

55.0930, 4.1720, 1.4840



Tritanopia

52.8900, 30.0290, 11.9570

Trichromacy



Original Color

53.2520, 26.3140, 18.7140

Protanomaly

54.3200, 5.2710, 9.1030

Deuteranomaly

54.3870, 12.3320, 7.7880

Tritanomaly

52.9870, 28.3780, 14.3460

Monochromacy



Original Color

53.2520, 26.3140, 18.7140

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.2520, 26.3140, 18.7140 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(90, 34, 56)` looks like.

```
.text, #text, p{  
    color:rgb(90, 34, 56)  
}
```

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(90, 34, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 34, 56) }
```

Border

The CSS property to change the border of an element to YIQ 53.2520, 26.3140, 18.7140 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(90, 34, 56) }
```


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

```
.border{ border-color:rgb(90, 34, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 34, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 34, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 34, 56);  
box-shadow:4px 4px 4px 4px rgb(90, 34, 56)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.2520, 26.3140, 18.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 34, 56) }
```

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

```
.background{ background-color: rgb(90, 34,  
56) }
```

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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