

Converting Colors

YIQ(25.7210, 23.0150, 6.9110)

Have a look what the booklet for
YIQ(25.7210, 23.0150, 6.9110)
contains.

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Color

**YIQ(25.7210, 23.0150,
6.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	340F0C
RGB	52, 15, 12
RGB Percent	20%, 6%, 5%
CMY	0.7960, 0.9412, 0.9528
CMYK	0.00, 0.71, 0.77, 0.80
HSL	4°, 62%, 13%
HSV	4°, 77%, 20%
XYZ	1.6544, 1.0985, 0.4734
YIQ	25.7210, 23.0150, 6.9110

Conversions

Conversions Part 2

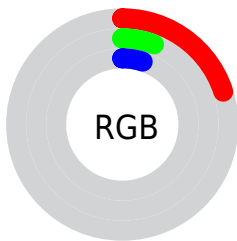
Format	Color
R_{YB}	52, 15, 12
Decimal	3411724
CIE Lab	9.79, 18.43, 10.10
CIE LCh	10, 21.019, 28.722
Yxy	1.0985, 0.5128, 0.3405
Android (android.graphics.Color)	4281601804 (0xFF340F0C)
YUV	25.7210, -6.7645, 23.0467
Hunter-Lab	10.4807, 9.8355, 4.6584

Details

The YIQ color **25.7210, 23.0150, 6.9110** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **38.2790, -23.0150, -6.9110**, and the grayscale version is **26.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **71.1020, 26.3160, 7.6600**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.2160, 25.9950, 7.9710**, and if you desaturate by 10%, it is **29.2260, 20.0350, 5.8510**.

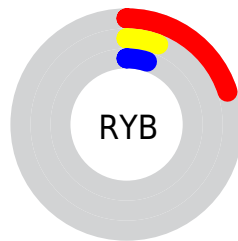
Distribution



Red (20%)

Green (6%)

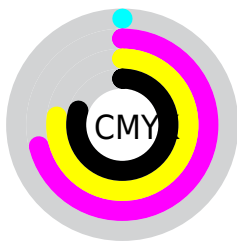
Blue (5%)



Red (20%)

Yellow (6%)

Blue (5%)

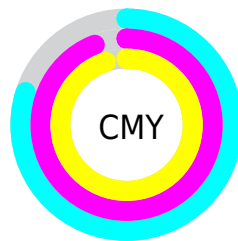


Cyan (0%)

Magenta (71%)

Yellow (77%)

Black (80%)



Cyan (80%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.7210, 23.0150, 6.9110 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 25.7210, 23.0150, 6.9110 by changing the saturation by 10% instead.

■ 25.7210, 23.0150,
6.9110

■ 25.7210, 23.0150,
6.9110

■ 244.6160, 9.9490,
1.4130

■ 9.3830, 18.1550,
6.8830

■ 71.1020, 26.3160,
7.6600

■ 0.0000, 0.0000,
0.0000

■ 94.9990, 28.1040,
8.2960


■ 119.8960, 29.8920,
8.9320


■ 146.3800, 31.4050,
9.0450


■ 172.9780, 32.5970,
9.4690


■ 200.2770, 33.1930,


9.6810


 224.8740, 26.9580,
7.0380


 25.7210, 23.0150,
6.9110


 25.7210, 23.0150,
6.9110


 22.2160, 25.9950,
7.9710


 29.2260, 20.0350,
5.8510

 18.7110, 28.9750,
9.0310

 32.7310, 17.0550,
4.7910

 17.8960, 29.8920,
8.9320

 35.7630, 14.0290,
4.5650

 39.2680, 11.0490,
3.5050

 42.7730, 8.0690,
2.4450

■ 46.2780, 5.0890,
1.3850

■ 49.7830, 2.1090,
0.3250

■ 53.4020, -1.1920,
-0.4240

■ 56.3200, -3.8970,
-0.9610

Harmonies

Analogous

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



26.3710, 18.4290, 12.9330



25.7210, 23.0150, 6.9110



25.7930, 22.5120, -0.4960

Triad

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



25.7210, 23.0150, 6.9110



20.5820, -11.0470, -14.5590



23.2930, -25.6300, 1.9380

Complementary

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



25.7210, 23.0150, 6.9110



38.2790, -23.0150, -6.9110

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.



24.5980, -25.1710, -0.8750



25.7210, 23.0150, 6.9110



22.9220, -17.6960, -9.6960

Square

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



25.7210, 23.0150, 6.9110



24.4870, 5.4580, -10.8140



24.5180, -22.1900, -5.3420



27.7900, -7.7960, 9.1320

Rectangle

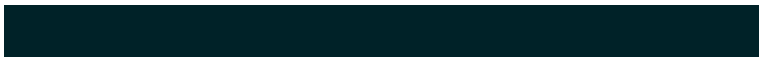
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.7210, 23.0150, 6.9110



26.0480, 17.2400, -4.0720



24.5180, -22.1900, -5.3420



23.8800, -25.9050, 1.4150

Sweetspot

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



25.7210, 23.0150, 6.9110



58.3710, 9.2610, 2.8690



28.1780, 11.9630, 19.9870



28.9900, 5.9600, 2.1200



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



25.7210, 23.0150, 6.9110



27.1850, 36.4480, 11.2640



37.4610, 17.5150, -3.5490



23.8970, 1.7880, 0.6360



30.7200, 51.1190, 15.2070



74.2750, 124.9320, 37.6360

Inverse Universe

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



38.2790, -23.0150, -6.9110



47.2280, -36.1730, -10.7410



26.5390, -17.5150, 3.5490



24.5160, -1.5130, -0.1130



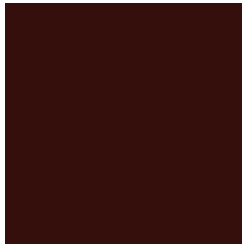
58.8670, -51.3940, -15.7300



142.7250, -124.9320, -37.6360

Previews

White Background



This preview shows how the YIQ color 25.7210, 23.0150, 6.9110 looks on a white background.

Color Contrast Check

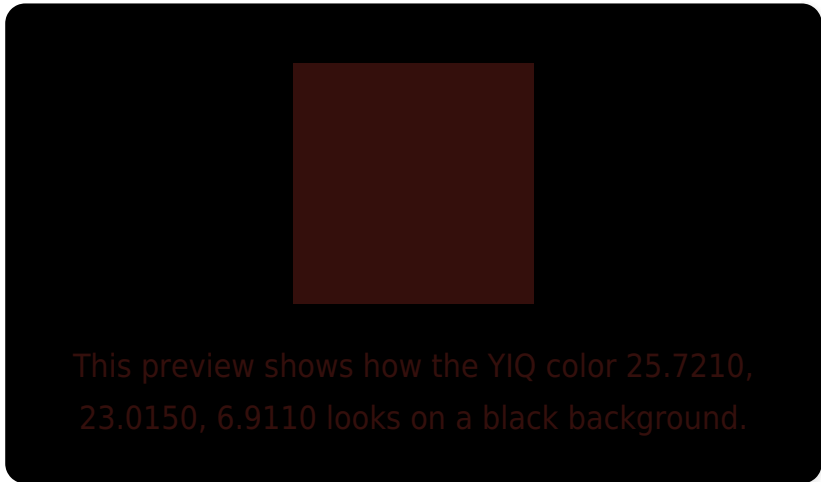
Large Text (above 18pt) WCAG AA ✓ Pass

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

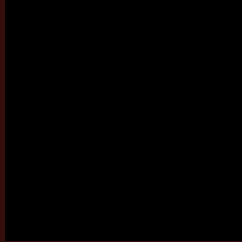
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.7210, 23.0150, 6.9110

Background



This preview shows how black text looks on a background with the YIQ color 25.7210, 23.0150, 6.9110.

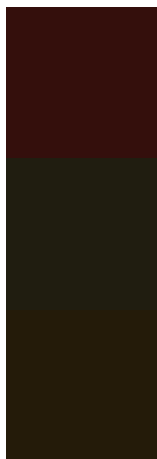


This preview shows how white text looks on a background with the YIQ color 25.7210, 23.0150,

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

25.7210, 23.0150, 6.9110

Protanopia

28.4150, 5.9610, -3.4070

Deuteranopia

27.6390, 11.1420, -3.6900



Tritanopia

26.0630, 22.0520, 7.8440

Trichromacy



Original Color

25.7210, 23.0150, 6.9110

Protanomaly

27.4590, 11.8290, 0.3810

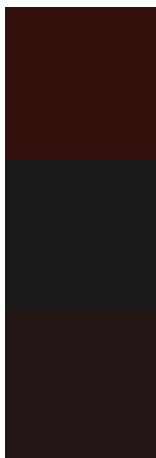
Deuteranomaly

27.1990, 15.4970, -0.0150

Tritanomaly

25.9490, 22.3730, 7.5330

Monochromacy



Original Color

25.7210, 23.0150, 6.9110

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.7730, 8.0690, 2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.7210, 23.0150, 6.9110 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(52, 15, 12)` looks like.

```
.text, #text, p{  
    color:rgb(52, 15, 12)  
}
```

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(52, 15, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 15, 12) }
```

Border

The CSS property to change the border of an element to YIQ 25.7210, 23.0150, 6.9110 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(52, 15, 12) }
```


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

```
.border{ border-color:rgb(52, 15, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 15, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 15, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 15, 12);  
box-shadow:4px 4px 4px 4px rgb(52, 15, 12)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.7210, 23.0150, 6.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 15, 12) }
```

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

```
.background{ background-color: rgb(52, 15,  
12) }
```

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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