

Converting Colors

YIQ(45.8090, 7.2470, -15.7050)

Have a look what the booklet for
YIQ(45.8090, 7.2470, -15.7050)
contains.

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Color

**YIQ(45.8090, 7.2470,
-15.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	2B360B
RGB	43, 54, 11
RGB Percent	17%, 21%, 4%
CMY	0.8314, 0.7882, 0.9568
CMYK	0.20, 0.00, 0.80, 0.79
HSL	75°, 66%, 13%
HSV	75°, 80%, 21%
XYZ	2.3756, 3.1763, 0.8050
YIQ	45.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

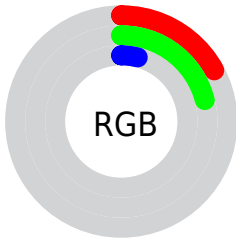
Format	Color
R_YB	11, 54, 22
Decimal	2831883
CIE Lab	20.74, -12.16, 24.24
CIE LCh	21, 27.117, 116.638
Yxy	3.1763, 0.3737, 0.4997
Android (android.graphics.Color)	4281021963 (0xFF2B360B)
YUV	45.8090, -17.1608, -2.4635
Hunter-Lab	17.8220, -7.3956, 9.7975

Details

The YIQ color **45.8090, 7.2470, -15.7050** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.1910, -7.2470, 15.7050**, and the grayscale version is **46.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.4670, 8.2100, -16.6380**, and **2.9350, -1.3750, -2.6150** is the 20% darker color. If you saturate the color by 10%, you get **44.9400, 8.2560, -17.4720**, and if you desaturate by 10%, it is **46.6780, 6.2380, -13.9380**.

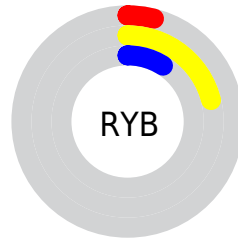
Distribution



Red (17%)

Green (21%)

Blue (4%)



Red (4%)

Yellow (21%)

Blue (9%)

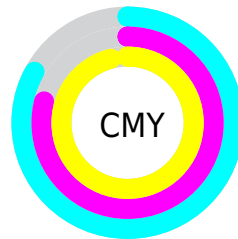


Cyan (20%)

Magenta (0%)

Yellow (80%)

Black (79%)



Cyan (83%)

Magenta (79%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 45.8090, 7.2470, -15.7050 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 45.8090, 7.2470, -15.7050 by changing the saturation by 10% instead.

45.8090, 7.2470,
-15.7050

45.8090, 7.2470,
-15.7050

253.0620, 5.4570,
-5.2870

25.9490, 4.0370,
-12.5950

92.4670, 8.2100,
-16.6380

2.9350, -1.3750,
-2.6150

117.3530, 8.5310,
-16.9490

0.0000, 0.0000,
0.0000

143.1250, 9.1730,
-17.5710


169.4240, 9.7690,
-17.3590


196.8970, 9.8150,
-18.1930

224.7830, 10.1360,


-18.5040

 248.8590, 12.9780,
-14.9420


 45.8090, 7.2470,
-15.7050


 45.8090, 7.2470,
-15.7050


 44.9400, 8.2560,
-17.4720


 46.6780, 6.2380,
-13.9380

 43.6580, 8.9900,
-19.7620

 47.9600, 5.5040,
-11.6480

 48.8290, 4.4950,
-9.8810

 50.1110, 3.7610,
-7.5910

 50.9800, 2.7520,
-5.8240

■ 51.8490, 1.7430,
-4.0570

■ 53.1310, 1.0090,
-1.7670

■ 54.0000, -0.0000,
0.0000

■ 54.9830, -1.3300,
2.0780

Harmonies

Analogous

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



47.5830, 22.7430, -10.1930



45.8090, 7.2470, -15.7050



41.9080, -15.0810, -18.5450

Triad

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



45.8090, 7.2470, -15.7050



42.9210, -42.3180, -3.9980



49.9420, 24.2510, 17.5550

Complementary

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



45.8090, 7.2470, -15.7050



19.1910, -7.2470, 15.7050

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.



51.4550, 9.6250, 18.3050



45.8090, 7.2470, -15.7050



41.3710, -43.4650, 0.2710

Square

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



45.8090, 7.2470, -15.7050



42.2710, -37.7320, -10.0200



50.5600, -12.8400, 12.4400



48.8470, 31.5880, 11.2360

Rectangle

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



45.8090, 7.2470, -15.7050



39.1930, -29.0650, -18.4170



50.5600, -12.8400, 12.4400



50.7290, 20.5370, 18.7850

Sweetspot

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



45.8090, 7.2470, -15.7050



67.8660, 3.0730, -6.1350



30.3140, 22.6030, 3.3630



33.8490, 1.7430, -4.0570



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.



45.8090, 7.2470, -15.7050



58.1650, 11.6960, -24.7520



39.5300, -5.2690, -20.1570



27.3590, 0.3670, -1.1450



74.3360, 15.2280, -33.7000



177.2900, 36.9230, -79.9810

Inverse Universe

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



19.1910, -7.2470, 15.7050



15.8350, -11.6960, 24.7520



25.4700, 5.2690, 20.1570



25.6410, -0.3670, 1.1450



17.6640, -15.2280, 33.7000



41.7100, -36.9230, 79.9810

Previews

White Background



This preview shows how the YIQ color 45.8090, 7.2470, -15.7050 looks on a white background.

Color Contrast Check

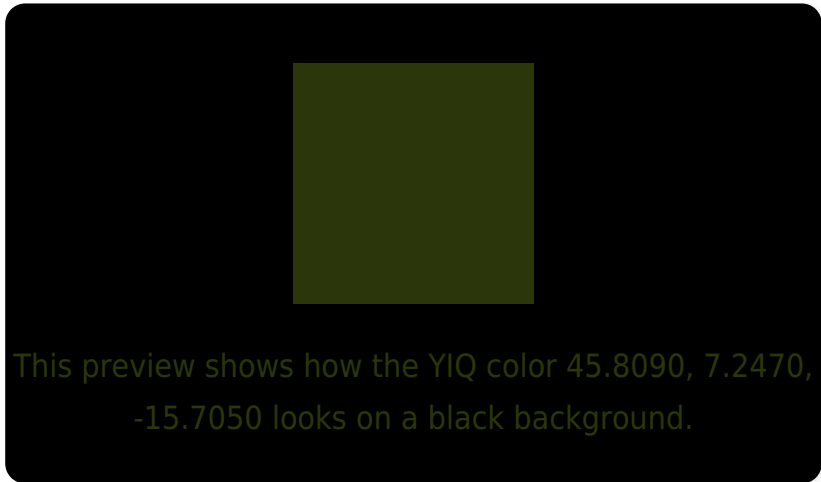
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8090, 7.2470, -15.7050

Background



This preview shows how black text looks on a background with the YIQ color 45.8090, 7.2470, -15.7050.



This preview shows how white text looks on a background with the YIQ color 45.8090, 7.2470,

-15.7050.

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

45.8090, 7.2470, -15.7050

Protanopia

47.2340, 16.4160, -11.1680

Deuteranopia

48.0220, 20.1290, -6.8710



Tritanopia

49.5590, -3.0720, 0.6080

Trichromacy



Original Color

45.8090, 7.2470, -15.7050

Protanomaly

46.3260, 13.1610, -12.7510

Deuteranomaly

47.5760, 15.4530, -10.2350

Tritanomaly

48.0230, 1.1930, -5.1030

Monochromacy



Original Color

45.8090, 7.2470, -15.7050

Achromatopsia

46.0000, 0.0000, -0.0000

Achromatomaly

45.9800, 2.7520, -5.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 45.8090, 7.2470, -15.7050 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(43, 54, 11)` looks like.

```
.text, #text, p{  
    color:rgb(43, 54, 11)  
}
```

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(43, 54, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 54, 11) }
```

Border

The CSS property to change the border of an element to YIQ 45.8090, 7.2470, -15.7050 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(43, 54, 11) }
```


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

```
.border{ border-color:rgb(43, 54, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 54, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 54, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 54, 11);  
box-shadow:4px 4px 4px 4px rgb(43, 54, 11)  
}
```

Background

The CSS property to change the background color of an element to YIQ 45.8090, 7.2470, -15.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 54, 11) }
```

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

```
.background{ background-color: rgb(43, 54,  
11) }
```

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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