

Converting Colors

YIQ(145.2090, 17.5640,
-20.9640)

Have a look what the booklet for
YIQ(145.2090, 17.5640, -20.9640)
contains.

YIQ(145.2090, 17.5640, -20.9640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(145.2090, 17.5640,
-20.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	959A5A
RGB	149, 154, 90
RGB Percent	58%, 60%, 35%
CMY	0.4157, 0.3961, 0.6469
CMYK	0.03, 0.00, 0.42, 0.40
HSL	65°, 26%, 48%
HSV	65°, 42%, 60%
XYZ	25.7947, 30.2389, 14.1568
YIQ	145.2090, 17.5640, -20.9640

Conversions

Conversions Part 2

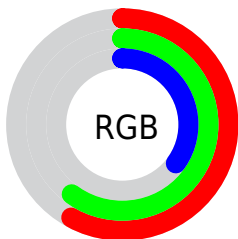
Format	Color
RYB	90, 154, 95
Decimal	9804378
CIELab	61.86, -11.88, 32.92
CIElCh	62, 35.000, 109.849
Yxy	30.2389, 0.3675, 0.4308
Android (android.graphics.Color)	4287994458 (0xFF959A5A)
YUV	145.2090, -27.2180, 3.3247
Hunter-Lab	54.9899, -12.5013, 23.2291

Details

The YIQ color **145.2090, 17.5640, -20.9640** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **98.7910, -17.5640, 20.9640**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.1660, 19.1230, -21.6850**, and **94.2520, 16.0050, -20.2430** is the 20% darker color. If you saturate the color by 10%, you get **143.2000, 21.7830, -25.8410**, and if you desaturate by 10%, it is **147.2180, 13.3450, -16.0870**.

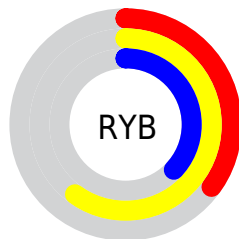
Distribution



Red (58%)

Green (60%)

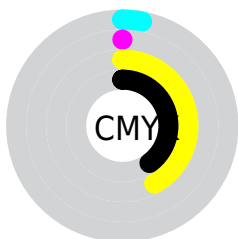
Blue (35%)



Red (35%)

Yellow (60%)

Blue (37%)

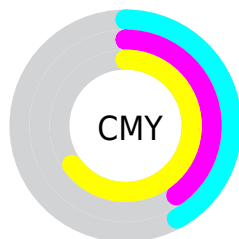


Cyan (3%)

Magenta (0%)

Yellow (42%)

Black (40%)



Cyan (42%)


Magenta (40%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.2090, 17.5640, -20.9640 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 145.2090, 17.5640, -20.9640 by changing the saturation by 10% instead.


 145.2090, 17.5640,
-20.9640


 145.2090, 17.5640,
-20.9640


255.0000, -0.0000,
-0.0000


 119.4370, 16.9220,
-20.3420


 199.1660, 19.1230,
-21.6850

 94.2520, 16.0050,
-20.2430


 227.9380, 19.7650,
-22.3070

 70.0670, 15.0880,
-20.1440


 248.1600, 19.2600,
-18.6600

 47.5230, 13.8040,
-18.9000

 251.4660, 9.9510,
-9.6410

 28.0200, 5.2750,
-13.0050

254.6580, 0.9630,
-0.9330

 7.6310, -3.5750,
-6.7990

 0.0000, 0.0000,

0.0000

■ 145.2090, 17.5640,
-20.9640

■ 145.2090, 17.5640,
-20.9640

■ 143.2000, 21.7830,
-25.8410

■ 147.2180, 13.3450,
-16.0870

■ 141.0770, 26.3230,
-31.0290

■ 149.3410, 8.8050,
-10.8990

■ 138.7690, 29.9460,
-36.1180

■ 151.6490, 5.1820,
-5.8100

■ 136.6460, 34.4860,
-41.3060

■ 153.7720, 0.6420,
-0.6220

■ 134.6370, 38.7050,
-46.1830

■ 155.7810, -3.5770,
4.2550

■ 132.8560, 42.2820,
-50.4380

■ 157.7900, -7.7960,
9.1320

■ 159.9130,
-12.3360, 14.3200

■ 162.2210,
-15.9590, 19.4090

■ 164.3440,
-20.4990, 24.5970

Harmonies

Analogous

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



148.0810, 38.8360, -9.9960



145.2090, 17.5640, -20.9640



140.6060, -11.5950, -26.6590

Triad

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



145.2090, 17.5640, -20.9640



124.6030, -94.6290, -19.6290



153.0130, 34.6570, 27.2090

Complementary

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



145.2090, 17.5640, -20.9640



98.7910, -17.5640, 20.9640

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.



153.5400, 8.2480, 26.7440



145.2090, 17.5640, -20.9640



140.9270, -59.6500, 1.7420

Square

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



145.2090, 17.5640, -20.9640



122.3890, -88.5750, -30.2310



149.7900, -24.9910, 17.8970



151.5720, 48.7800, 19.0520

Rectangle

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



145.2090, 17.5640, -20.9640



136.7590, -34.0150, -27.8310



149.7900, -24.9910, 17.8970



153.6470, 27.0000, 28.3120

Sweetspot

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



145.2090, 17.5640, -20.9640



197.9650, 7.1080, -7.6760



111.4840, 37.0440, 11.4760



100.1050, 3.8980, -4.5660



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



145.2090, 17.5640, -20.9640



187.5070, 27.9280, -32.5840



135.9400, -0.9120, -27.5360



75.7890, 1.9720, -2.7000



120.7510, 38.3840, -45.8720



11.2190, 3.5770, -4.2550

Inverse Universe

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



98.7910, -17.5640, 20.9640



114.7920, -27.3320, 32.7960



108.0600, 0.9120, 27.5360



69.9120, -2.5680, 2.4880



19.2490, -38.3840, 45.8720



1.7810, -3.5770, 4.2550

Previews

White Background



This preview shows how the YIQ color 145.2090, 17.5640, -20.9640 looks on a white 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

Black Background



This preview shows how the YIQ color 145.2090, 17.5640, -20.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

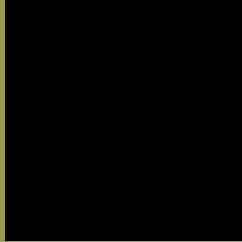
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.2090, 17.5640, -20.9640

Background



This preview shows how black text looks on a background with the YIQ color 145.2090, 17.5640, -20.9640.



This preview shows how white text looks on a background with the YIQ color 145.2090, 17.5640, -20.9640.

-20.9640.

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

145.2090, 17.5640, -20.9640

Protanopia

146.2320, 27.9250, -16.0030

Deuteranopia

148.6620, 38.6980, -7.4940



Tritanopia

150.6570, 2.7040, 6.0640

Trichromacy



Original Color

145.2090, 17.5640, -20.9640

Protanomaly

146.0250, 24.0740, -17.7980

Deuteranomaly

147.3080, 30.7670, -12.4410

Tritanomaly

148.6710, 8.1160, -3.9160

Monochromacy



Original Color

145.2090, 17.5640, -20.9640

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.7800, 6.1910, -7.5770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2090, 17.5640, -20.9640 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(149, 154, 90)` looks like.

```
.text, #text, p{  
    color:rgb(149, 154, 90)  
}
```

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(149, 154, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 154, 90) }
```

Border

The CSS property to change the border of an element to YIQ 145.2090, 17.5640, -20.9640 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(149, 154, 90) }
```


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

```
.border{ border-color:rgb(149, 154, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 154, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 154, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 154, 90);  
box-shadow:4px 4px 4px 4px rgb(149, 154,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2090, 17.5640, -20.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 154, 90) }
```

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

```
.background{ background-color: rgb(149,  
154, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor