

Converting Colors

YIQ(145.6170, -10.1280,
-25.7120)

Have a look what the booklet for
YIQ(145.6170, -10.1280, -25.7120)
contains.

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Color

**YIQ(145.6170, -10.1280,
-25.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	78A571
RGB	120, 165, 113
RGB Percent	47%, 65%, 44%
CMY	0.5295, 0.3529, 0.5569
CMYK	0.27, 0.00, 0.32, 0.35
HSL	112°, 22%, 55%
HSV	112°, 32%, 65%
XYZ	24.1800, 32.0998, 20.5443
YIQ	145.6170, -10.1280, -25.7120

Conversions

Conversions Part 2

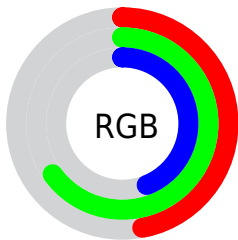
Format	Color
RYB	113, 165, 158
Decimal	7906673
CIELab	63.43, -25.53, 22.23
CIELCh	63, 33.853, 138.958
Yxy	32.0998, 0.3147, 0.4178
Android (android.graphics.Color)	4286096753 (0xFF78A571)
YUV	145.6170, -16.0802, -22.4661
Hunter-Lab	56.6567, -22.9690, 18.1606

Details

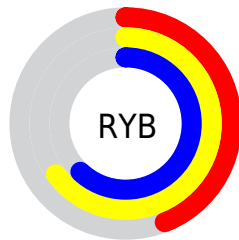
The YIQ color **145.6170, -10.1280, -25.7120** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **132.3830, 10.1280, 25.7120**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.6770, -10.3570, -27.0690**, and **94.5570, -9.8990, -24.3550** is the 20% darker color. If you saturate the color by 10%, you get **139.4930, -13.0150, -33.9670**, and if you desaturate by 10%, it is **151.7410, -7.2410, -17.4570**.

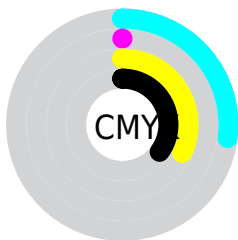
Distribution



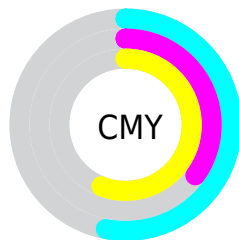
- Red (47%)
- Green (65%)
- Blue (44%)



- Red (44%)
- Yellow (65%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.6170, -10.1280, -25.7120 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 145.6170, -10.1280, -25.7120 by changing the saturation by 10% instead.

■ 145.6170,
-10.1280, -25.7120

■ 145.6170,
-10.1280, -25.7120

■ 255.0000, -0.0000,
-0.0000

■ 119.7310,
-10.4490, -25.4010

■ 199.6770,
-10.3570, -27.0690

■ 94.5570, -9.8990,
-24.3550

■ 228.1500,
-10.3110, -27.9030

■ 69.8990, -10.8620,
-23.4220

■ 243.2360, -4.2610,
-16.3970

■ 46.1270, -11.5040,
-22.8000

■ 254.3160, 1.9260,
-1.8660

■ 24.9530, -10.9540,
-21.7540

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,

0.0000

■ 145.6170,
-10.1280, -25.7120

■ 145.6170,
-10.1280, -25.7120

■ 139.4930,
-13.0150, -33.9670

■ 151.7410, -7.2410,
-17.4570

■ 133.1840,
-16.8190, -42.1230

■ 158.0500, -3.4370,
-9.3010

■ 127.0600,
-19.7060, -50.3780

■ 164.1740, -0.5500,
-1.0460

■ 121.0500,
-22.9140, -58.3220

■ 170.1840, 2.6580,
6.8980

■ 114.6270,
-26.3970, -66.7890

■ 176.3080, 5.5450,
15.1530

■ 108.6170,
-29.6050, -74.7330

■ 182.6170, 9.3490,
23.3090

■ 103.4330,
-32.2630, -81.6310

■ 188.7410, 12.2360,
31.5640

■ 194.7510, 15.4440,
39.5080

■ 200.3760, 21.1740,
45.7980

Harmonies

Analogous

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



149.7360, 17.5180, -20.1300



145.6170, -10.1280, -25.7120



139.7950, -42.8640, -27.1520

Triad

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



145.6170, -10.1280, -25.7120



145.2970, -57.8160, 1.5440



155.9740, 47.5880, 18.6280

Complementary

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



145.6170, -10.1280, -25.7120



132.3830, 10.1280, 25.7120

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.



157.1160, 32.8690, 26.5730



145.6170, -10.1280, -25.7120



154.1490, -24.6240, 16.7520

Square

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



145.6170, -10.1280, -25.7120



133.4580, -83.8550, -16.6470



157.7140, 7.6980, 25.6980



154.4280, 48.6450, 4.9730

Rectangle

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



145.6170, -10.1280, -25.7120



134.7030, -65.9720, -26.8680



157.7140, 7.6980, 25.6980



156.3420, 43.7360, 22.3600

Sweetspot

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



145.6170, -10.1280, -25.7120



207.0500, -3.4370, -9.3010



154.3760, 18.8920, -11.9880



102.6420, -2.1080, -5.8520



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



145.6170, -10.1280, -25.7120



183.8360, -15.7190, -40.0310



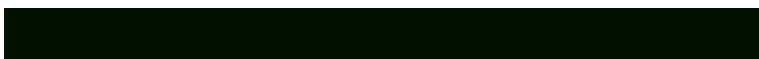
145.5760, -20.0780, -21.5980



78.8810, -1.2830, -4.2830



90.7960, -28.5510, -71.8070



11.1640, -3.7580, -8.9900

Inverse Universe

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



132.3830, 10.1280, 25.7120



163.1640, 15.7190, 40.0310



132.4240, 20.0780, 21.5980



76.4180, 1.8790, 4.4950



54.2040, 28.5510, 71.8070



6.5370, 3.1620, 8.7780

Previews

White Background



This preview shows how the YIQ color 145.6170, -10.1280, -25.7120 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 145.6170, -10.1280, -25.7120 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 145.6170, -10.1280, -25.7120 Background



This preview shows how black text looks on a background with the YIQ color 145.6170, -10.1280, -25.7120.



This preview shows how white text looks on a background with the YIQ color 145.6170, -10.1280, -25.7120.

-25.7120.

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

145.6170, -10.1280, -25.7120

Protanopia

151.4580, 21.5970, -11.4510

Deuteranopia

153.4470, 29.2980, -2.3340



Tritanopia

150.9960, -20.5400, -2.2040

Trichromacy



Original Color

145.6170, -10.1280, -25.7120

Protanomaly

149.2500, 10.3190, -16.3130

Deuteranomaly

150.8640, 14.5820, -10.9700

Tritanomaly

149.1670, -17.0080, -11.1520

Monochromacy



Original Color

145.6170, -10.1280, -25.7120

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0500, -3.4370, -9.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.6170, -10.1280, -25.7120 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(120, 165, 113)` looks like.

```
.text, #text, p{  
    color:rgb(120, 165, 113)  
}
```

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(120, 165, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 165, 113) }
```

Border

The CSS property to change the border of an element to YIQ 145.6170, -10.1280, -25.7120 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(120, 165, 113) }
```


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

```
.border{ border-color:rgb(120, 165, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 165, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 165, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 165, 113);  
box-shadow:4px 4px 4px 4px rgb(120, 165,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 145.6170, -10.1280, -25.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 165, 113) }
```

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

```
.background{ background-color: rgb(120,  
165, 113) }
```

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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