

Converting Colors

YIQ(144.1720, 20.1270, 4.1830)

Have a look what the booklet for
YIQ(144.1720, 20.1270, 4.1830)
contains.

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Color

**YIQ(144.1720, 20.1270,
4.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	A68881
RGB	166, 136, 129
RGB Percent	65%, 53%, 51%
CMY	0.3490, 0.4667, 0.4940
CMYK	0.00, 0.18, 0.22, 0.35
HSL	11°, 17%, 58%
HSV	11°, 22%, 65%
XYZ	28.4957, 27.2992, 24.5438
YIQ	144.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

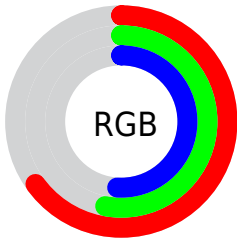
Format	Color
R_{YB}	166, 138, 129
Decimal	10913921
CIE _{Lab}	59.25, 10.29, 8.02
CIE _{LCh}	59, 13.048, 37.942
Yxy	27.2992, 0.3547, 0.3398
Android (android.graphics.Color)	4289104001 (0xFFA68881)
YUV	144.1720, -7.4798, 19.1432
Hunter-Lab	52.2486, 5.9167, 8.7225

Details

The YIQ color $144.1720, 20.1270, 4.1830$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $150.8280, -20.1270, -4.1830$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $198.0690, 21.9150, 4.8190$, and $93.3890, 18.0180, 3.8580$ is the 20% darker color. If you saturate the color by 10%, you get $134.6030, 29.1590, 5.6950$, and if you desaturate by 10%, it is $153.7410, 11.0950, 2.6710$.

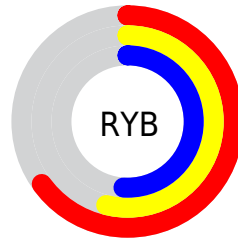
Distribution



Red (65%)

Green (53%)

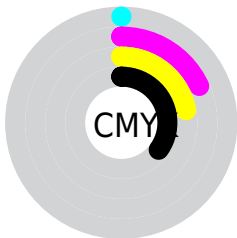
Blue (51%)



Red (65%)

Yellow (54%)

Blue (51%)

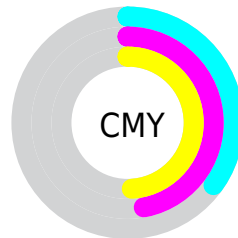


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.1720, 20.1270, 4.1830 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 144.1720, 20.1270, 4.1830 by changing the saturation by 10% instead.


 144.1720, 20.1270,
4.1830


 144.1720, 20.1270,
4.1830


255.0000, -0.0000,
-0.0000

 118.5740, 18.9350,
3.7590


 198.0690, 21.9150,
4.8190


 93.3890, 18.0180,
3.8580


 225.9550, 22.2360,
4.5080

 70.0900, 17.4220,
3.6460

 247.7790, 7.9320,
-0.5800

 47.4920, 16.2300,
3.2220

 25.8940, 15.0380,
2.7980

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 144.1720, 20.1270,
4.1830

■ 144.1720, 20.1270,
4.1830

■ 134.6030, 29.1590,
5.6950

■ 153.7410, 11.0950,
2.6710

■ 124.5610, 38.1450,
8.0410

■ 163.7830, 2.1090,
0.3250

■ 114.9920, 47.1770,
9.5530

■ 173.3520, -6.9230,
-1.1870

■ 104.9500, 56.1630,
11.8990

■ 183.3940,
-15.9090, -3.5330

■ 95.3810, 65.1950,
13.4110

■ 192.9630,
-24.9410, -5.0450

■ 85.2250, 74.5020,
15.4460

■ 203.1190,
-34.2480, -7.0800

■ 75.7700, 83.2130,
17.2690

■ 212.5740,
-42.9590, -8.9030

■ 67.8310, 90.4110,
18.9790

■ 221.9320,
-50.0190, -13.1150

■ 228.3890,
-53.0440, -18.8680

Harmonies

Analogous

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



144.8390, 16.8710, 8.1270



144.1720, 20.1270, 4.1830



143.3410, 17.9730, -0.8350

Triad

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



144.1720, 20.1270, 4.1830



139.5160, -10.6810, -10.1770



142.8170, -12.4260, 4.9340

Complementary

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



144.1720, 20.1270, 4.1830



150.8280, -20.1270, -4.1830

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.



140.4630, -20.3570, -0.0130



144.1720, 20.1270, 4.1830



138.3780, -18.9800, -8.4520

Square

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



144.1720, 20.1270, 4.1830



140.5020, 1.1020, -8.9620



139.0340, -23.7030, -5.4550



144.4980, -1.1020, 8.9620

Rectangle

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



144.1720, 20.1270, 4.1830



142.7810, 13.6180, -4.5100



139.0340, -23.7030, -5.4550



141.9090, -15.6810, 3.3510

Sweetspot

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



144.1720, 20.1270, 4.1830



207.6590, 8.3900, 2.1340



143.4830, 12.4220, 17.1740



104.8650, 4.8140, 0.8620



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



144.1720, 20.1270, 4.1830



182.0980, 32.1390, 6.7550



154.7380, 15.1770, -5.2310



78.9790, 4.4930, 1.1730



60.6880, 80.5080, 16.7320



8.3280, 10.8200, 2.1480

Inverse Universe

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



150.8280, -20.1270, -4.1830



192.9020, -32.1390, -6.7550



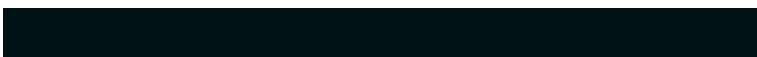
140.2620, -15.1770, 5.2310



81.0210, -4.4930, -1.1730



87.3120, -80.5080, -16.7320



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 144.1720, 20.1270, 4.1830 looks on a white background.

Color Contrast Check

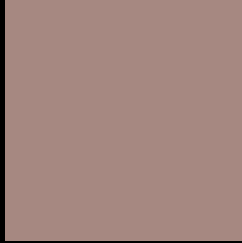
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.1720, 20.1270, 4.1830 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 × Fail

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

YIQ 144.1720, 20.1270, 4.1830

Background



This preview shows how black text looks on a background with the YIQ color 144.1720, 20.1270, 4.1830.



This preview shows how white text looks on a background with the YIQ color 144.1720, 20.1270,

4.1830.

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

144.1720, 20.1270, 4.1830

Protanopia

142.6540, 6.7860, -1.8380

Deuteranopia

144.1500, 17.1930, 2.2890



Tritanopia

145.3060, 17.0540, 10.3180

Trichromacy



Original Color

144.1720, 20.1270, 4.1830

Protanomaly

143.4590, 11.8290, 0.3810

Deuteranomaly

143.8620, 18.0640, 3.0240

Tritanomaly

145.0240, 17.7880, 8.0280

Monochromacy



Original Color

144.1720, 20.1270, 4.1830

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.0610, 7.1980, 1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.1720, 20.1270, 4.1830 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(166, 136, 129)` looks like.

```
.text, #text, p{  
    color:rgb(166, 136, 129)  
}
```

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(166, 136, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 136, 129) }
```

Border

The CSS property to change the border of an element to YIQ 144.1720, 20.1270, 4.1830 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(166, 136, 129) }
```


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

```
.border{ border-color:rgb(166, 136, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 136, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 136, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 136, 129);  
box-shadow:4px 4px 4px 4px rgb(166, 136,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 144.1720, 20.1270, 4.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 136, 129) }
```

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

```
.background{ background-color: rgb(166,  
136, 129) }
```

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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