

Converting Colors

YIQ(92.2750, -52.7230,
-19.1790)

Have a look what the booklet for
YIQ(92.2750, -52.7230, -19.1790)
contains.

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Color

**YIQ(92.2750, -52.7230,
-19.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	1E7776
RGB	30, 119, 118
RGB Percent	12%, 47%, 46%
CMY	0.8825, 0.5332, 0.5375
CMYK	0.75, 0.00, 0.01, 0.53
HSL	179°, 60%, 29%
HSV	179°, 75%, 47%
XYZ	10.4020, 14.7845, 19.4284
YIQ	92.2750, -52.7230, -19.1790

Conversions

Conversions Part 2

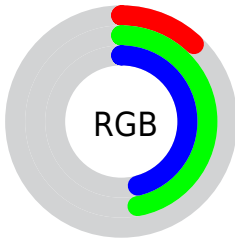
Format	Color
R_{YB}	30, 75, 119
Decimal	1996662
CIE _{Lab}	45.34, -25.22, -6.84
CIE _{LCh}	45, 26.134, 195.176
Y _{xy}	14.7845, 0.2332, 0.3314
Android (android.graphics.Color)	4280186742 (0xFF1E7776)
YUV	92.2750, 12.6824, -54.6152
Hunter-Lab	38.4506, -18.9993, -3.0428




Details

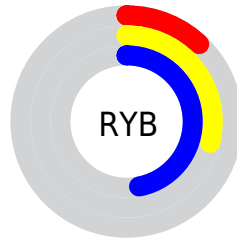
The YIQ color **92.2750, -52.7230, -19.1790** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **56.7250, 52.7230, 19.1790**, and the grayscale version is **92.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **147.2540, -48.2300, -18.0060**, and **49.0700, -41.7200, -14.8400** is the 20% darker color. If you saturate the color by 10%, you get **88.6870, -59.8750, -21.7230**, and if you desaturate by 10%, it is **95.8630, -45.5710, -16.6350**.

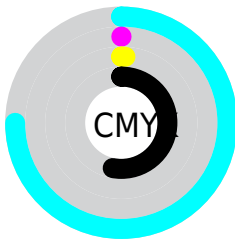
Distribution







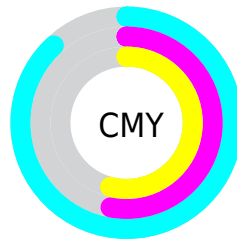
-  Red (12%)
-  Green (47%)
-  Blue (46%)






-  Red (12%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (75%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (53%)



-  Cyan (88%)
-  Magenta (53%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.2750, -52.7230, -19.1790 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 92.2750, -52.7230, -19.1790 by changing the saturation by 10% instead.

■ 92.2750, -52.7230,
-19.1790

■ 92.2750, -52.7230,
-19.1790

■ 255.0000, -0.0000,
-0.0000

■ 65.7800, -55.7030,
-20.2390

■ 147.2540,
-48.2300, -18.0060

■ 49.0700, -41.7200,
-14.8400

■ 174.5530,
-47.6340, -17.7940

■ 32.9470, -28.0120,
-9.9640

■ 202.5530,
-47.6340, -17.7940

■ 19.5140, -16.3670,
-6.2470

■ 230.6670,
-47.9550, -17.4830

■ 0.0000, 0.0000,
0.0000

■ 239.4520,
-30.9920, -11.0240

■ 248.1230,

-13.7080, -4.8760

■ 92.2750, -52.7230,
-19.1790

■ 92.2750, -52.7230,
-19.1790

■ 88.6870, -59.8750,
-21.7230

■ 95.8630, -45.5710,
-16.6350

■ 85.0990, -67.0270,
-24.2670

■ 99.4510, -38.4190,
-14.0910

■ 83.3050, -70.6030,
-25.5390

■ 103.0390,
-31.2670, -11.5470

■ 106.7410,
-24.4360, -8.6920

■ 110.0300,
-17.8800, -6.3600

■ 113.6180,
-10.7280, -3.8160

■ 117.2060, -3.5760,
-1.2720

■ 120.7940, 3.5760,
1.2720

■ 124.3820, 10.7280,
3.8160

Harmonies

Analogous

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



97.7370, -27.7810, -19.6610



92.2750, -52.7230, -19.1790



91.5870, -62.1690, -13.1850

Triad

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



92.2750, -52.7230, -19.1790



110.3340, 2.6560, 17.9520



106.4530, 29.1610, -5.3590

Complementary

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



92.2750, -52.7230, -19.1790



56.7250, 52.7230, 19.1790

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.



107.8980, 35.5780, 5.0020



92.2750, -52.7230, -19.1790



110.3270, 21.7290, 19.2090

Square

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



92.2750, -52.7230, -19.1790



107.3140, -20.9550, 10.8290



109.3250, 33.2380, 14.3740



105.1690, 15.0410, -13.7830

Rectangle

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



92.2750, -52.7230, -19.1790



97.0170, -51.3960, -4.6760



109.3250, 33.2380, 14.3740



107.4150, 32.3240, -2.1080

Sweetspot

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



92.2750, -52.7230, -19.1790



145.4210, -20.5390, -7.7310



82.5420, -23.8790, -46.3350



72.7210, -12.5160, -4.4520



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



92.2750, -52.7230, -19.1790



113.9120, -82.7980, -30.3020



67.1480, -41.2190, 3.6210



57.2060, -3.5760, -1.2720



85.4080, -72.3910, -26.1750



174.9080, -148.0370, -53.9330

Inverse Universe

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



56.7250, 52.7230, 19.1790



57.9740, 83.1190, 29.9910



81.8520, 41.2190, -3.6210



54.7940, 3.5760, 1.2720



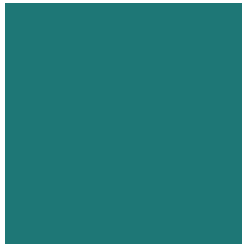
36.5920, 72.3910, 26.1750



75.0920, 148.0370, 53.9330

Previews

White Background



This preview shows how the YIQ color 92.2750, -52.7230, -19.1790 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 × Fail

Black Background



This preview shows how the YIQ color 92.2750, -52.7230, -19.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

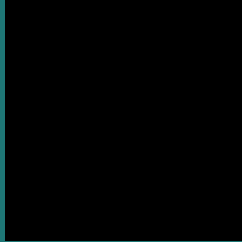
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.2750, -52.7230, -19.1790

Background



This preview shows how black text looks on a background with the YIQ color 92.2750, -52.7230, -19.1790.



This preview shows how white text looks on a background with the YIQ color 92.2750, -52.7230,

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

92.2750, -52.7230, -19.1790

Protanopia

107.0540, -0.0920, 1.6680

Deuteranopia

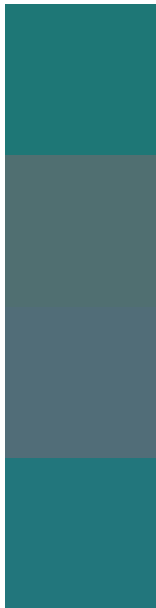
107.7320, -1.8810, 6.5590



Tritanopia

94.5080, -51.7610, -14.5850

Trichromacy



Original Color

92.2750, -52.7230, -19.1790

Protanomaly

101.9590, -19.1180, -5.9500

Deuteranomaly

101.8820, -20.2190, -2.5150

Tritanomaly

93.5680, -51.9900, -15.9420

Monochromacy



Original Color

92.2750, -52.7230, -19.1790

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0190, -19.3470, -7.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.2750, -52.7230, -19.1790 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(30, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(30, 119, 118)  
}
```

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(30, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 119, 118) }
```

Border

The CSS property to change the border of an element to YIQ 92.2750, -52.7230, -19.1790 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(30, 119, 118) }
```


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

```
.border{ border-color:rgb(30, 119, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(30, 119,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 92.2750, -52.7230, -19.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 119, 118) }
```

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

```
.background{ background-color: rgb(30, 119,  
118) }
```

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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