

Converting Colors

YIQ(93.1260, -17.7900, 3.0260)

Have a look what the booklet for
YIQ(93.1260, -17.7900, 3.0260)
contains.

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Color

**YIQ(93.1260, -17.7900,
3.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6076
RGB	78, 96, 118
RGB Percent	31%, 38%, 46%
CMY	0.6941, 0.6235, 0.5373
CMYK	0.34, 0.19, 0.00, 0.54
HSL	213°, 20%, 38%
HSV	213°, 34%, 46%
XYZ	10.5935, 11.2940, 18.7542
YIQ	93.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

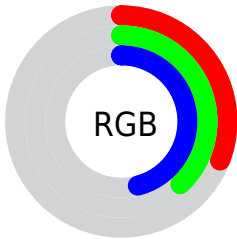
Format	Color
R_{YB}	78, 90, 118
Decimal	5136502
CIE Lab	40.07, -1.06, -14.60
CIE LCh	40, 14.642, 265.835
Yxy	11.2940, 0.2607, 0.2779
Android (android.graphics.Color)	4283326582 (0xFF4E6076)
YUV	93.1260, 12.2629, -13.2655
Hunter-Lab	33.6065, -2.5443, -9.5623

Details

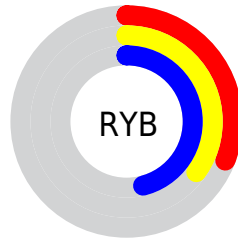
The YIQ color **93.1260, -17.7900, 3.0260** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.8740, 17.7900, -3.0260**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.3540, -18.4320, 3.6480**, and **46.5990, -17.7440, 2.1920** is the 20% darker color. If you saturate the color by 10%, you get **86.0160, -23.2920, 3.6200**, and if you desaturate by 10%, it is **100.2360, -12.2880, 2.4320**.

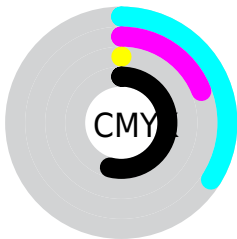
Distribution



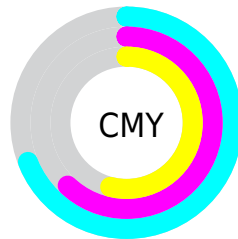
- Red (31%)
- Green (38%)
- Blue (46%)



- Red (31%)
- Yellow (35%)
- Blue (46%)



- Cyan (34%)
- Magenta (19%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.1260, -17.7900, 3.0260 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 93.1260, -17.7900, 3.0260 by changing the saturation by 10% instead.

■ 93.1260, -17.7900,
3.0260

■ 93.1260, -17.7900,
3.0260

■ 255.0000, -0.0000,
-0.0000

■ 69.0120, -17.4690,
2.7150

■ 143.3540,
-18.4320, 3.6480

■ 46.5990, -17.7440,
2.1920

■ 170.3540,
-18.4320, 3.6480

■ 24.4740, -18.8900,
0.9340

■ 197.4680,
-18.7530, 3.9590

■ 4.2520, -9.2170,
7.3510

■ 225.2830,
-19.6700, 4.0580

■ 0.0000, 0.0000,
0.0000

■ 249.9170,
-10.1320, -3.6040

■ 93.1260, -17.7900,
3.0260

■ 93.1260, -17.7900,
3.0260

■ 86.0160, -23.2920,
3.6200

■ 100.2360,
-12.2880, 2.4320

■ 78.3190, -28.5190,
4.7370

■ 107.9330, -7.0610,
1.3150

■ 71.5080, -33.4250,
5.5430

■ 114.7440, -2.1550,
0.5090

■ 63.8110, -38.6520,
6.6600

■ 122.4410, 3.0720,
-0.6080

■ 56.7010, -44.1540,
7.2540

■ 129.5510, 8.5740,
-1.2020

■ 49.0040, -49.3810,
8.3710

■ 137.2480, 13.8010,
-2.3190

■ 44.5630, -52.4530,
8.9790

■ 144.3580, 19.3030,
-2.9130

■ 151.7560, 23.9340,

-4.2420

■ 158.8660, 29.4360,
-4.8360

Harmonies

Analogous

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



90.5440, -25.0790, -2.5430



93.1260, -17.7900, 3.0260



95.3340, -6.5120, 7.8880

Triad

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



93.1260, -17.7900, 3.0260



95.7530, 19.9890, 6.6850



91.5550, -6.4170, -10.3610

Complementary

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



93.1260, -17.7900, 3.0260



102.8740, 17.7900, -3.0260

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.



92.7690, 4.7240, -8.5240



93.1260, -17.7900, 3.0260



95.1780, 19.9900, 1.1580

Square

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



93.1260, -17.7900, 3.0260



96.5230, 14.9450, 9.9930



94.0800, 14.2140, -4.2980



89.8080, -17.3750, -10.0070

Rectangle

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



93.1260, -17.7900, 3.0260



95.9930, 1.8780, 10.0220



94.0800, 14.2140, -4.2980



91.8220, -2.7950, -9.9230

Sweetspot

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



93.1260, -17.7900, 3.0260



143.8190, -6.7400, 1.0040



103.8740, -17.7410, -14.3890



70.4880, -4.3100, 1.0180



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



93.1260, -17.7900, 3.0260



114.2050, -28.1980, 4.4260



82.8590, -12.2440, 12.6520



54.8580, -2.4760, 0.8200



46.1930, -54.2870, 9.1770



94.8310, -111.3250, 18.6510

Inverse Universe

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



92.0120, 18.0620, 14.0780



112.1430, 28.2390, 22.3750



113.1410, 12.2440, -12.6520



55.0220, 2.9340, 1.8940



42.7480, 55.0570, 42.9690



87.6320, 112.7270, 88.1430

Previews

White Background



This preview shows how the YIQ color 93.1260, -17.7900, 3.0260 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 93.1260, -17.7900, 3.0260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

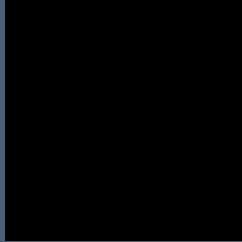
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

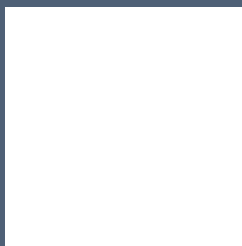
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 93.1260, -17.7900, 3.0260

Background



This preview shows how black text looks on a background with the YIQ color 93.1260, -17.7900, 3.0260.

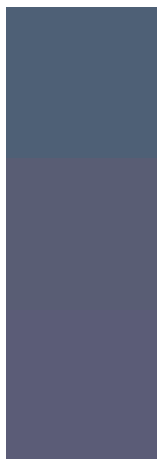


This preview shows how white text looks on a background with the YIQ color 93.1260, -17.7900,

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

93.1260, -17.7900, 3.0260

Protanopia

94.4260, -9.7670, 6.3050

Deuteranopia

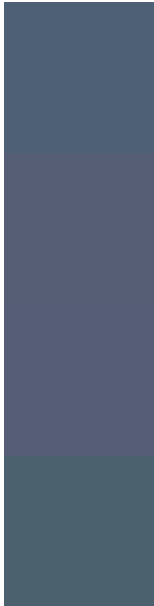
94.7790, -9.2630, 8.1850



Tritanopia

92.0350, -16.2760, -2.3880

Trichromacy



Original Color

93.1260, -17.7900, 3.0260

Protanomaly

93.9310, -12.7470, 5.2450

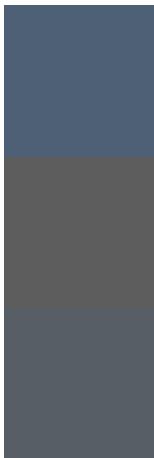
Deuteranomaly

93.8710, -12.5180, 6.6020

Tritanomaly

92.2030, -16.6890, -0.4090

Monochromacy



Original Color

93.1260, -17.7900, 3.0260

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.1180, -6.1440, 1.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.1260, -17.7900, 3.0260 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(78, 96, 118)` looks like.

```
.text, #text, p{  
    color:rgb(78, 96, 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(78, 96, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 96, 118) }
```

Border

The CSS property to change the border of an element to YIQ 93.1260, -17.7900, 3.0260 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(78, 96, 118) }
```


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

```
.border{ border-color:rgb(78, 96, 118) }
```

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

Here you see how a box with a 4 pixel rgb(78, 96, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 96, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 96, 118);  
box-shadow:4px 4px 4px 4px rgb(78, 96,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1260, -17.7900, 3.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 96, 118) }
```

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

```
.background{ background-color: rgb(78, 96,  
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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