

Converting Colors

YIQ(82.7920, -20.4460,
-14.9260)

Have a look what the booklet for
YIQ(82.7920, -20.4460, -14.9260)
contains.

YIQ(82.7920, -20.4460, -14.9260)	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(82.7920, -20.4460,
-14.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	366250
RGB	54, 98, 80
RGB Percent	21%, 38%, 31%
CMY	0.7883, 0.6156, 0.6863
CMYK	0.45, 0.00, 0.18, 0.62
HSL	155°, 29%, 30%
HSV	155°, 45%, 38%
XYZ	7.3365, 10.1012, 9.1492
YIQ	82.7920, -20.4460, -14.9260

Conversions

Conversions Part 2

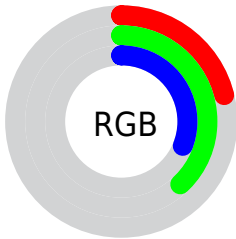
Format	Color
R_{YB}	54, 82, 98
Decimal	3564112
CIE _{Lab}	38.02, -19.97, 5.54
CIE _{LCh}	38, 20.726, 164.485
Yxy	10.1012, 0.2759, 0.3799
Android (android.graphics.Color)	4281754192 (0xFF366250)
YUV	82.7920, -1.3765, -25.2506
Hunter-Lab	31.7824, -14.4152, 5.1799

Details

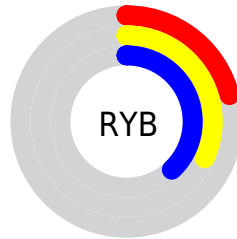
The YIQ color **82.7920, -20.4460, -14.9260** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.2080, 20.4460, 14.9260**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9660, -20.9960, -15.9720**, and **35.2370, -23.1970, -14.6290** is the 20% darker color. If you saturate the color by 10%, you get **79.3460, -25.1220, -18.2900**, and if you desaturate by 10%, it is **86.2380, -15.7700, -11.5620**.

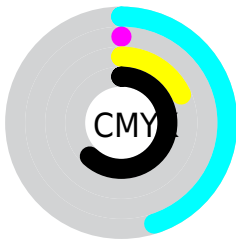
Distribution



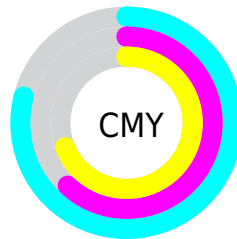
- Red (21%)
- Green (38%)
- Blue (31%)



- Red (21%)
- Yellow (32%)
- Blue (38%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (62%)



- Cyan (79%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.7920, -20.4460, -14.9260 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 82.7920, -20.4460, -14.9260 by changing the saturation by 10% instead.

82.7920, -20.4460,
-14.9260

82.7920, -20.4460,
-14.9260

255.0000, -0.0000,
-0.0000

58.9060, -20.7670,
-14.6150

132.9660,
-20.9960, -15.9720

35.2370, -23.1970,
-14.6290

159.5530,
-21.2710, -16.4950

19.7930, -13.0190,
-11.8590

186.5530,
-21.2710, -16.4950

0.0000, 0.0000,
0.0000

214.8410,
-22.1420, -17.2300

239.9060,
-20.7670, -14.6150

250.2160, -9.5360,

-3.3920

■ 82.7920, -20.4460,
-14.9260

■ 82.7920, -20.4460,
-14.9260

■ 79.3460, -25.1220,
-18.2900

■ 86.2380, -15.7700,
-11.5620

■ 75.9000, -29.7980,
-21.6540

■ 89.6840, -11.0940,
-8.1980

■ 72.7530, -33.8780,
-24.8060

■ 92.8310, -7.0140,
-5.0460

■ 69.3070, -38.5540,
-28.1700

■ 96.2770, -2.3380,
-1.6820

■ 65.8610, -43.2300,
-31.5340

■ 99.7230, 2.3380,
1.6820

■ 64.1380, -45.5680,
-33.2160

■ 103.1690, 7.0140,
5.0460

■ 106.6150, 11.6900,
8.4100

■ 109.7620, 15.7700,
11.5620

■ 113.2080, 20.4460,
14.9260

Harmonies

Analogous

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



85.3010, -2.8860, -13.7820



82.7920, -20.4460, -14.9260



79.9350, -36.9060, -13.9780

Triad

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



82.7920, -20.4460, -14.9260



89.1850, -16.2780, 8.6660



90.1790, 27.4170, 4.2250

Complementary

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



82.7920, -20.4460, -14.9260



69.2080, 20.4460, 14.9260

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.



91.3240, 25.8110, 11.3070



82.7920, -20.4460, -14.9260



91.5140, 1.9690, 13.8810

Square

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



82.7920, -20.4460, -14.9260



84.8190, -33.1030, -0.2950



92.0550, 16.5030, 14.7990



88.9840, 23.2920, -3.6200

Rectangle

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



82.7920, -20.4460, -14.9260



79.1070, -43.1420, -11.0940



92.0550, 16.5030, 14.7990



90.6460, 27.6000, 6.4160

Sweetspot

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



82.7920, -20.4460, -14.9260



122.1190, -7.8850, -5.7810



85.2100, -1.3720, -19.1960



60.5540, -4.6760, -3.3640



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



82.7920, -20.4460, -14.9260



104.0630, -31.8150, -23.6470



82.4960, -25.1240, -7.2360



46.5760, -1.7420, -1.4700



73.2680, -51.9860, -38.0500



157.0680, -111.5820, -81.3580

Inverse Universe

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



69.2080, 20.4460, 14.9260



82.8230, 32.1360, 23.3360



69.5040, 25.1240, 7.2360



45.4240, 1.7420, 1.4700



38.7320, 51.9860, 38.0500



82.9320, 111.5820, 81.3580

Previews

White Background



This preview shows how the YIQ color 82.7920, -20.4460, -14.9260 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 82.7920, -20.4460, -14.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

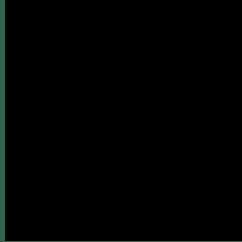
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.7920, -20.4460, -14.9260

Background



This preview shows how black text looks on a background with the YIQ color 82.7920, -20.4460, -14.9260.



This preview shows how white text looks on a background with the YIQ color 82.7920, -20.4460,

-14.9260.

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

82.7920, -20.4460, -14.9260

Protanopia

88.8990, 7.4740, -3.2940

Deuteranopia

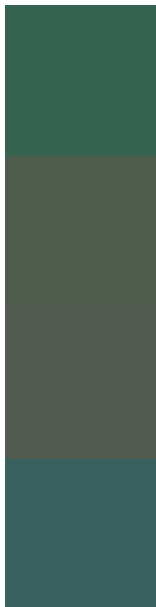
89.8440, 9.3070, 2.0350



Tritanopia

85.4470, -23.4280, -4.9320

Trichromacy



Original Color

82.7920, -20.4460, -14.9260

Protanomaly

86.4030, -2.9330, -7.4210

Deuteranomaly

86.9950, -1.6040, -3.9720

Tritanomaly

84.5240, -22.3270, -8.3670

Monochromacy



Original Color

82.7920, -20.4460, -14.9260

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.5320, -7.6100, -5.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.7920, -20.4460, -14.9260 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(54, 98, 80)` looks like.

```
.text, #text, p{  
    color:rgb(54, 98, 80)  
}
```

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(54, 98, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 98, 80) }
```

Border

The CSS property to change the border of an element to YIQ 82.7920, -20.4460, -14.9260 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(54, 98, 80) }
```


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

```
.border{ border-color:rgb(54, 98, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 98, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 98, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 98, 80);  
box-shadow:4px 4px 4px 4px rgb(54, 98, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 82.7920, -20.4460, -14.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 98, 80) }
```

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

```
.background{ background-color: rgb(54, 98,  
80) }
```

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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