

Converting Colors

YIQ(91.0510, -13.2050, 2.5310)

Have a look what the booklet for
YIQ(91.0510, -13.2050, 2.5310)
contains.

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Color

**YIQ(91.0510, -13.2050,
2.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	505D6E
RGB	80, 93, 110
RGB Percent	31%, 36%, 43%
CMY	0.6863, 0.6353, 0.5687
CMYK	0.27, 0.15, 0.00, 0.57
HSL	214°, 16%, 37%
HSV	214°, 27%, 43%
XYZ	10.0362, 10.6603, 16.2758
YIQ	91.0510, -13.2050, 2.5310

Conversions

Conversions Part 2

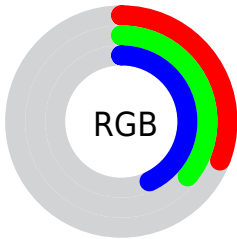
Format	Color
R_{YB}	80, 89, 110
Decimal	5266798
CIE Lab	39.00, -0.75, -11.31
CIE LCh	39, 11.336, 266.196
Yxy	10.6603, 0.2715, 0.2883
Android (android.graphics.Color)	4283456878 (0xFF505D6E)
YUV	91.0510, 9.3419, -9.6917
Hunter-Lab	32.6502, -2.2693, -6.7003

Details

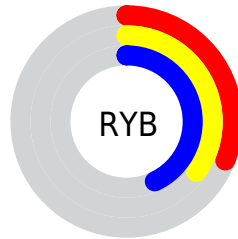
The YIQ color **91.0510, -13.2050, 2.5310** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **98.9490, 13.2050, -2.5310**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.2790, -13.8470, 3.1530**, and **44.8230, -12.5630, 1.9090** is the 20% darker color. If you saturate the color by 10%, you get **84.2400, -18.1110, 3.3370**, and if you desaturate by 10%, it is **97.8620, -8.2990, 1.7250**.

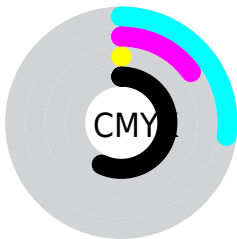
Distribution



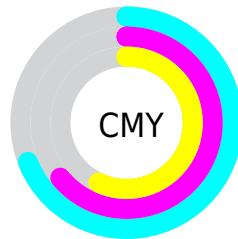
- Red (31%)
- Green (36%)
- Blue (43%)



- Red (31%)
- Yellow (35%)
- Blue (43%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (57%)



- Cyan (69%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.0510, -13.2050, 2.5310 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 91.0510, -13.2050, 2.5310 by changing the saturation by 10% instead.

■ 91.0510, -13.2050,
2.5310

■ 91.0510, -13.2050,
2.5310

■ 255.0000, -0.0000,
-0.0000

■ 67.3500, -12.6090,
2.7430

■ 141.2790,
-13.8470, 3.1530

■ 44.8230, -12.5630,
1.9090

■ 167.9800,
-14.4430, 2.9410

■ 24.2960, -12.5170,
1.0750

■ 194.9800,
-14.4430, 2.9410

■ 2.8670, -6.6950,
5.6970

■ 223.0940,
-14.7640, 3.2520

■ 0.0000, 0.0000,
0.0000

■ 249.0420, -8.9860,
-2.3460

■ 91.0510, -13.2050,
2.5310

■ 91.0510, -13.2050,
2.5310

■ 84.2400, -18.1110,
3.3370

■ 97.8620, -8.2990,
1.7250

■ 77.4290, -23.0170,
4.1430

■ 104.6730, -3.3930,
0.9190

■ 70.0310, -27.6480,
5.4720

■ 112.0710, 1.2380,
-0.4100

■ 63.2200, -32.5540,
6.2780

■ 118.8820, 6.1440,
-1.2160

■ 56.4090, -37.4600,
7.0840

■ 125.6930, 11.0500,
-2.0220

■ 49.5980, -42.3660,
7.8900

■ 132.5040, 15.9560,
-2.8280

■ 42.2000, -46.9970,
9.2190

■ 139.9020, 20.5870,
-4.1570

■ 40.7160, -48.5100,

■ 146.7130, 25.4930,

9.1060

-4.9630

■ 153.5240, 30.3990,
-5.7690

Harmonies

Analogous

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



89.4800, -19.0270, -2.0910



91.0510, -13.2050, 2.5310



92.6500, -4.5860, 6.0220

Triad

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



91.0510, -13.2050, 2.5310



93.2470, 15.5420, 4.6780



89.5060, -4.7210, -8.0570

Complementary

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



91.0510, -13.2050, 2.5310



98.9490, 13.2050, -2.5310

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.



90.6380, 3.7150, -6.7570



91.0510, -13.2050, 2.5310



92.7260, 15.4510, 0.8190

Square

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



91.0510, -13.2050, 2.5310



93.9740, 12.0570, 7.2650



91.7530, 10.8210, -3.3790



88.4280, -13.2490, -7.6890

Rectangle

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



91.0510, -13.2050, 2.5310



93.5260, 1.6950, 7.8310



91.7530, 10.8210, -3.3790



89.5880, -2.0160, -7.5200

Sweetspot

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



91.0510, -13.2050, 2.5310



135.3030, -5.2270, 1.1170



99.4340, -13.3860, -10.7140



66.5590, -3.0720, 0.6080



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



91.0510, -13.2050, 2.5310



113.0980, -20.5870, 4.1570



83.7190, -9.0340, 9.5420



52.4450, -2.7510, 0.2970



44.2040, -52.8200, 10.1240



90.9670, -108.7120, 20.8560

Inverse Universe

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



90.4520, 13.7070, 10.4030



112.3330, 21.5920, 16.1840



105.9820, 8.4380, -9.7540



52.1360, 2.6130, 2.2050



41.8080, 54.8280, 41.6120



86.0510, 112.8650, 85.6410

Previews

White Background



This preview shows how the YIQ color 91.0510, -13.2050, 2.5310 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 91.0510, -13.2050, 2.5310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

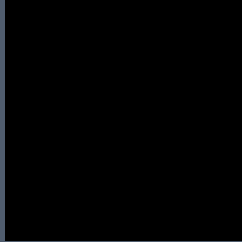
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

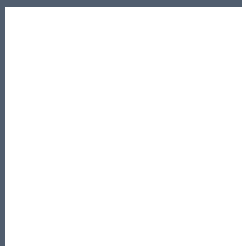
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 91.0510, -13.2050, 2.5310

Background



This preview shows how black text looks on a background with the YIQ color 91.0510, -13.2050, 2.5310.

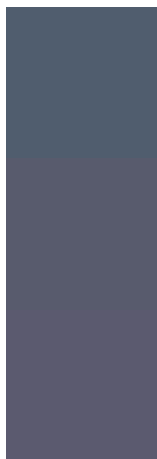


This preview shows how white text looks on a background with the YIQ color 91.0510, -13.2050,

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

91.0510, -13.2050, 2.5310

Protanopia

92.1550, -7.5660, 4.9620

Deuteranopia

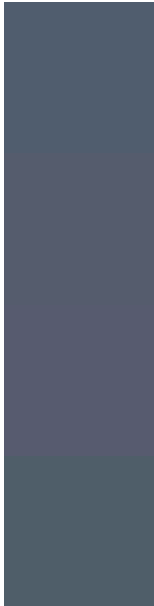
92.6930, -6.1450, 6.7430



Tritanopia

90.1280, -12.1040, -0.9040

Trichromacy



Original Color

91.0510, -13.2050, 2.5310

Protanomaly

91.8450, -9.6290, 3.8030

Deuteranomaly

92.0840, -8.8040, 5.3720

Tritanomaly

90.7690, -12.4710, 0.2410

Monochromacy



Original Color

91.0510, -13.2050, 2.5310

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

91.1890, -4.9060, 0.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.0510, -13.2050, 2.5310 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(80, 93, 110)` looks like.

```
.text, #text, p{  
    color:rgb(80, 93, 110)  
}
```

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(80, 93, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 93, 110) }
```

Border

The CSS property to change the border of an element to YIQ 91.0510, -13.2050, 2.5310 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(80, 93, 110) }
```


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

```
.border{ border-color:rgb(80, 93, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 93, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 93, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 93, 110);  
box-shadow:4px 4px 4px 4px rgb(80, 93,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 91.0510, -13.2050, 2.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 93, 110) }
```

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

```
.background{ background-color: rgb(80, 93,  
110) }
```

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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