

Converting Colors

YIQ(17.9090, -15.6810, 3.3510)

Have a look what the booklet for
YIQ(17.9090, -15.6810, 3.3510)
contains.

YIQ(17.9090, -15.6810, 3.3510)	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(17.9090, -15.6810,
3.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	051429
RGB	5, 20, 41
RGB Percent	2%, 8%, 16%
CMY	0.9804, 0.9215, 0.8393
CMYK	0.88, 0.51, 0.00, 0.84
HSL	215°, 78%, 9%
HSV	215°, 88%, 16%
XYZ	0.7127, 0.6927, 2.1921
YIQ	17.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

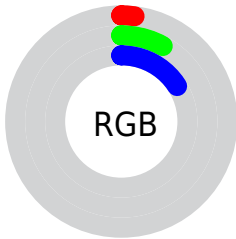
Format	Color
R_{YB}	5, 16, 41
Decimal	332841
CIE Lab	6.26, 2.22, -16.03
CIE LCh	6, 16.187, 277.893
Yxy	0.6927, 0.1981, 0.1926
Android (android.graphics.Color)	4278522921 (0xFF051429)
YUV	17.9090, 11.3839, -11.3212
Hunter-Lab	8.3230, 0.7192, -9.7899

Details

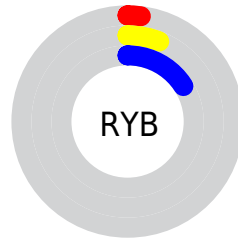
The YIQ color **17.9090, -15.6810, 3.3510** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.0910, 15.6810, -3.3510**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **61.1480, -14.8560, 4.9200**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.5390, -17.5150, 3.5490**, and if you desaturate by 10%, it is **20.2790, -13.8470, 3.1530**.

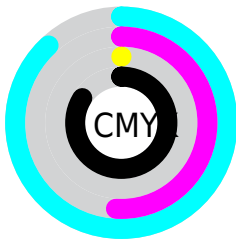
Distribution



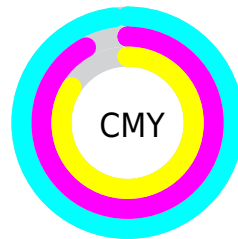
- Red (2%)
- Green (8%)
- Blue (16%)



- Red (2%)
- Yellow (6%)
- Blue (16%)



- Cyan (88%)
- Magenta (51%)
- Yellow (0%)
- Black (84%)



- Cyan (98%)
- Magenta (92%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 17.9090, -15.6810, 3.3510 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 17.9090, -15.6810, 3.3510 by changing the saturation by 10% instead.

■ 17.9090, -15.6810,
3.3510

■ 17.9090, -15.6810,
3.3510

■ 241.9650,
-10.0870, 1.0890

■ 2.8670, -6.6950,
5.6970

■ 61.1480, -14.8560,
4.9200

■ 0.0000, 0.0000,
0.0000

■ 84.6750, -14.9020,
5.7540

■ 109.3760,
-15.4980, 5.5420

■ 134.7890,
-15.2230, 6.0650

■ 161.0170,
-15.8650, 6.6870

■ 188.0170,

-15.8650, 6.6870

■ 215.8320,
-16.7820, 6.7860

■ 17.9090, -15.6810,
3.3510

■ 17.9090, -15.6810,
3.3510

■ 15.5390, -17.5150,
3.5490

■ 20.2790, -13.8470,
3.1530

■ 14.6530, -17.8360,
3.8600

■ 23.2360, -12.2880,
2.4320

■ 25.6060, -10.4540,
2.2340

■ 28.5630, -8.8950,
1.5130

■ 30.9330, -7.0610,
1.3150

■ 33.6020, -4.6310,
1.3290

■ 36.5590, -3.0720,
0.6080

■ 38.9290, -1.2380,
0.4100

■ 41.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



18.5340, -19.1190, -0.4230



17.9090, -15.6810, 3.3510



21.0850, -1.3770, 8.4390

Triad

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



17.9090, -15.6810, 3.3510



18.7050, 19.9440, 1.9920



16.0600, -9.3970, -11.4210

Complementary

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



17.9090, -15.6810, 3.3510



28.0910, 15.6810, -3.3510

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.



16.7790, -1.2360, -10.6440



17.9090, -15.6810, 3.3510



19.2590, 15.2680, -1.3720

Square

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



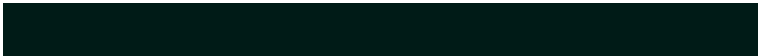
17.9090, -15.6810, 3.3510



19.7680, 15.6330, 8.5370



18.9160, 8.8040, -5.3720



18.4710, -14.8080, -6.9680

Rectangle

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



17.9090, -15.6810, 3.3510



20.7330, 5.5460, 9.6260



18.9160, 8.8040, -5.3720



14.7890, -7.1960, -12.7640

Sweetspot

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



17.9090, -15.6810, 3.3510



44.5310, -5.8690, 1.7390



28.4120, -16.3200, -12.6080



22.3740, -3.9890, 0.7070



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



17.9090, -15.6810, 3.3510



19.0700, -23.3840, 5.2880



9.7020, -10.3640, 11.6200



18.8150, -0.9170, 0.0990



30.1210, -36.5890, 7.8190



75.8240, -92.2520, 19.9080

Inverse Universe

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



17.4740, 16.6410, 12.2970



18.6540, 25.1220, 18.2900



36.2980, 10.3640, -11.6200



18.7120, 0.8710, 0.7350



29.1060, 38.8290, 28.6930



73.4200, 98.1040, 72.3120

Previews

White Background



This preview shows how the YIQ color 17.9090, -15.6810, 3.3510 looks on a white background.

Color Contrast Check

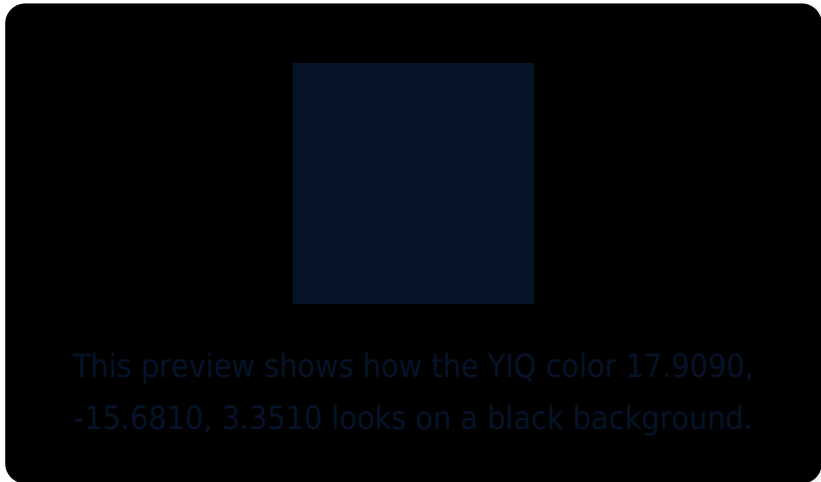
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

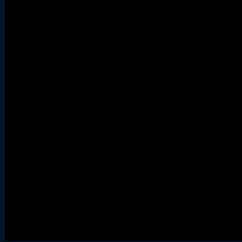
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 17.9090, -15.6810, 3.3510

Background



This preview shows how black text looks on a background with the YIQ color 17.9090, -15.6810, 3.3510.



This preview shows how white text looks on a background with the YIQ color 17.9090, -15.6810,

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

17.9090, -15.6810, 3.3510

Protanopia

18.5070, -14.4890, 3.7750

Deuteranopia

16.5450, -17.6520, 0.5240



Tritanopia

16.2370, -14.0290, -4.5650

Trichromacy



Original Color

17.9090, -15.6810, 3.3510

Protanomaly

18.2080, -15.0850, 3.5630

Deuteranomaly

17.2570, -16.7810, 1.2590

Tritanomaly

16.9320, -14.4880, -1.7520

Monochromacy



Original Color

17.9090, -15.6810, 3.3510

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

18.0040, -5.8230, 0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 17.9090, -15.6810, 3.3510 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(5, 20, 41)` looks like.

```
.text, #text, p{  
    color:rgb(5, 20, 41)  
}
```

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(5, 20, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 20, 41) }
```

Border

The CSS property to change the border of an element to YIQ 17.9090, -15.6810, 3.3510 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(5, 20, 41) }
```


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

```
.border{ border-color:rgb(5, 20, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 20, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 20, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 20, 41); box-shadow:4px  
4px 4px 4px rgb(5, 20, 41) }
```

Background

The CSS property to change the background color of an element to YIQ 17.9090, -15.6810, 3.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 20, 41) }
```

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

```
.background{ background-color: rgb(5, 20,  
41) }
```

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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