

Converting Colors

YIQ(35.6950, -44.0170, 10.2790)

Have a look what the booklet for
YIQ(35.6950, -44.0170, 10.2790)
contains.

YIQ(35.6950, -44.0170, 10.2790)	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(35.6950, -44.0170,
10.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	002966
RGB	0, 41, 102
RGB Percent	0%, 16%, 40%
CMY	1.0000, 0.8391, 0.6002
CMYK	1.00, 0.60, 0.00, 0.60
HSL	216°, 100%, 20%
HSV	216°, 100%, 40%
XYZ	3.1890, 2.5453, 12.8789
YIQ	35.6950, -44.0170, 10.2790

Conversions

Conversions Part 2

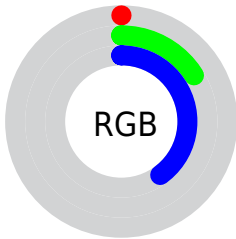
Format	Color
RYB	0, 29, 102
Decimal	10598
CIELab	18.12, 14.19, -39.34
CIELCh	18, 41.824, 289.830
Yxy	2.5453, 0.1713, 0.1367
Android (android.graphics.Color)	4278200678 (0xFF002966)
YUV	35.6950, 32.6884, -31.3045
Hunter-Lab	15.9539, 7.7609, -36.6945

Details

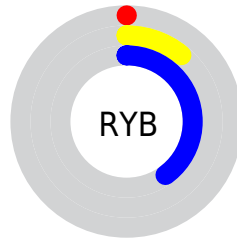
The YIQ color **35.6950, -44.0170, 10.2790** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **66.3050, 44.0170, -10.2790**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.6690, -31.9600, 17.5440**, and **6.1560, -17.3340, 16.7940** is the 20% darker color. If you saturate the color by 10%, you get **35.6950, -44.0170, 10.2790**, and if you desaturate by 10%, it is **42.2070, -39.7070, 9.2610**.

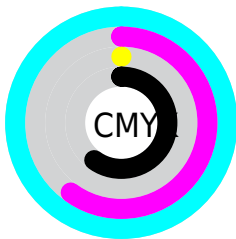
Distribution



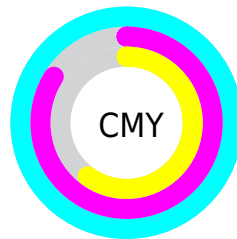
- Red (0%)
- Green (16%)
- Blue (40%)



- Red (0%)
- Yellow (11%)
- Blue (40%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.6950, -44.0170, 10.2790 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 35.6950, -44.0170, 10.2790 by changing the saturation by 10% instead.

■ 35.6950, -44.0170,
10.2790

■ 35.6950, -44.0170,
10.2790

■ 255.0000, -0.0000,
-0.0000

■ 21.1050, -30.4920,
12.9640

■ 88.6690, -31.9600,
17.5440

■ 6.1560, -17.3340,
16.7940

■ 113.9080,
-31.1350, 19.1130

■ 4.8220, -10.8220,
8.9060

■ 139.8480,
-30.9060, 20.4700

■ 0.4560, -1.2840,
1.2440

■ 166.3750,
-30.9520, 21.3040

■ 0.0000, 0.0000,
0.0000

■ 192.6480,
-27.4670, 18.7170

■ 217.7550,

-17.8830, 10.2210

■ 242.8620, -8.2990,
1.7250

■ 35.6950, -44.0170,
10.2790

■ 42.2070, -39.7070,
9.2610

■ 48.7190, -35.3970,
8.2430

■ 55.5300, -30.4910,
7.4370

■ 62.0420, -26.1810,
6.4190

■ 68.5540, -21.8710,
5.4010

■ 75.6530, -17.8360,
3.8600

■ 82.1650, -13.5260,
2.8420

■ 88.9760, -8.6200,
2.0360

■ 95.4880, -4.3100,
1.0180

Harmonies

Analogous

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



41.7930, -47.4090, 5.6710



35.6950, -44.0170, 10.2790



44.2950, 7.5600, 28.2000

Triad

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



35.6950, -44.0170, 10.2790



39.5030, 44.0600, 5.4680



36.6340, -25.9930, -19.0250

Complementary

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



35.6950, -44.0170, 10.2790



66.3050, 44.0170, -10.2790

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.



31.6980, -14.8500, -28.2420



35.6950, -44.0170, 10.2790



42.0290, 27.4190, -6.8290

Square

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



35.6950, -44.0170, 10.2790



32.5430, 47.7240, 27.1800



39.8260, 8.5770, -17.7830



40.7550, -36.2190, -9.9070

Rectangle

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



35.6950, -44.0170, 10.2790



37.9340, 27.8700, 34.5740



39.8260, 8.5770, -17.7830



35.3800, -22.4620, -22.4460

Sweetspot

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



35.6950, -44.0170, 10.2790



106.9520, -17.2400, 4.0720



66.6000, -46.9890, -34.9970



50.6060, -10.4540, 2.2340



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



35.6950, -44.0170, 10.2790



46.2730, -57.2680, 13.6440



14.3190, -27.3780, 33.6300



47.7440, -2.1550, 0.5090



40.1120, -49.5650, 11.7070



84.5270, -104.3570, 24.5310

Inverse Universe

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



35.1720, 47.6310, 34.3750



45.8090, 62.2550, 44.6790



87.6810, 27.3780, -33.6300



47.7230, 2.3380, 1.6820



39.6290, 53.7740, 38.6860



83.4160, 113.0950, 81.4710

Previews

White Background



This preview shows how the YIQ color 35.6950, -44.0170, 10.2790 looks on a white background.

Color Contrast Check

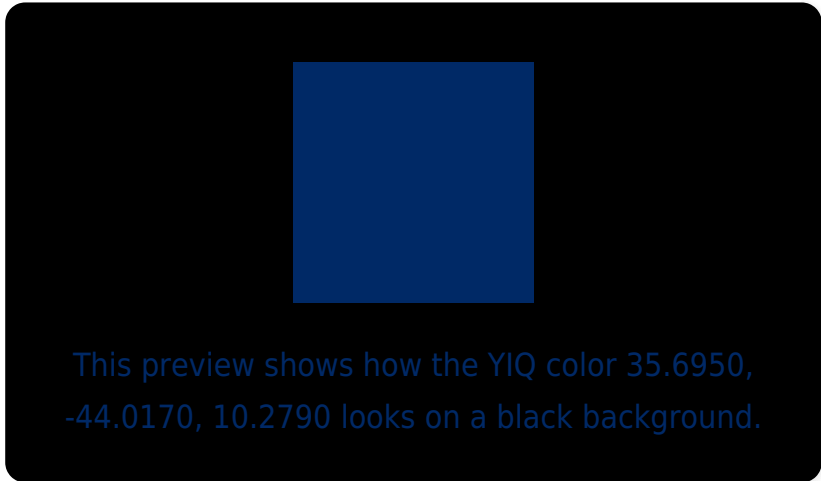
Large Text (above 18pt) WCAG AA ✓ Pass

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

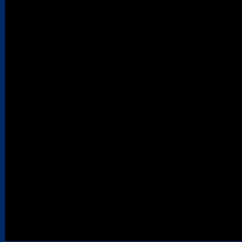
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 35.6950, -44.0170, 10.2790

Background



This preview shows how black text looks on a background with the YIQ color 35.6950, -44.0170, 10.2790.



This preview shows how white text looks on a background with the YIQ color 35.6950, -44.0170,

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

35.6950, -44.0170, 10.2790

Protanopia

36.3160, -41.6320, 5.6000

Deuteranopia

36.5950, -38.2840, -0.0120



Tritanopia

35.3920, -30.7630, -9.6670

Trichromacy



Original Color

35.6950, -44.0170, 10.2790

Protanomaly

36.1850, -42.6410, 7.3670

Deuteranomaly

36.3330, -40.3020, 3.5220

Tritanomaly

35.6830, -35.7160, -2.5000

Monochromacy



Original Color

35.6950, -44.0170, 10.2790

Achromatopsia

36.0000, -0.0000, 0.0000

Achromatomaly

36.0230, -16.0020, 3.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.6950, -44.0170, 10.2790 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(0, 41, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 102)  
}
```

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(0, 41, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 102) }
```

Border

The CSS property to change the border of an element to YIQ 35.6950, -44.0170, 10.2790 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(0, 41, 102) }
```


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

```
.border{ border-color:rgb(0, 41, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 41, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 41, 102)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.6950, -44.0170, 10.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 102) }
```

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

```
.background{ background-color: rgb(0, 41,  
102) }
```

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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