

Converting Colors

YIQ(61.0550, -36.2230, 12.2010)

Have a look what the booklet for
YIQ(61.0550, -36.2230, 12.2010)
contains.

YIQ(61.0550, -36.2230, 12.2010)	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(61.0550, -36.2230,
12.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	223F7A
RGB	34, 63, 122
RGB Percent	13%, 25%, 48%
CMY	0.8667, 0.7529, 0.5218
CMYK	0.72, 0.48, 0.00, 0.52
HSL	220°, 56%, 31%
HSV	220°, 72%, 48%
XYZ	5.9475, 5.3003, 19.1063
YIQ	61.0550, -36.2230, 12.2010

Conversions

Conversions Part 2

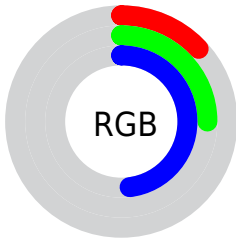
Format	Color
R _Y B	34, 56, 122
Decimal	2244474
CIE Lab	27.57, 10.69, -36.84
CIE LCh	28, 38.361, 286.174
Yxy	5.3003, 0.1959, 0.1746
Android (android.graphics.Color)	4280434554 (0xFF223F7A)
YUV	61.0550, 30.0459, -23.7272
Hunter-Lab	23.0223, 5.8237, -33.0893

Details

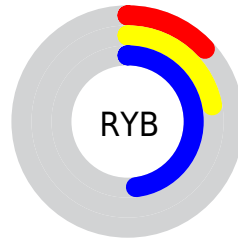
The YIQ color **61.0550, -36.2230, 12.2010** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **94.9450, 36.2230, -12.2010**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **111.4300, -32.7850, 15.9750**, and **21.2360, -29.4830, 11.1970** is the 20% darker color. If you saturate the color by 10%, you get **52.7710, -41.1750, 13.8410**, and if you desaturate by 10%, it is **69.3390, -31.2710, 10.5610**.

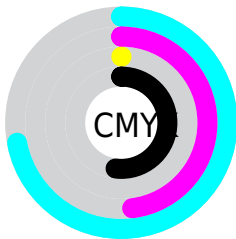
Distribution



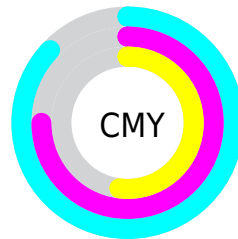
- Red (13%)
- Green (25%)
- Blue (48%)



- Red (13%)
- Yellow (22%)
- Blue (48%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (52%)



- Cyan (87%)
- Magenta (75%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.0550, -36.2230, 12.2010 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 61.0550, -36.2230, 12.2010 by changing the saturation by 10% instead.

■ 61.0550, -36.2230,
12.2010

■ 61.0550, -36.2230,
12.2010

■ 255.0000, -0.0000,
-0.0000

■ 35.1250, -42.4120,
8.7240

■ 111.4300,
-32.7850, 15.9750

■ 21.2360, -29.4830,
11.1970

■ 137.2560,
-32.2350, 17.0210

■ 8.0480, -17.1500,
13.4580

■ 164.4840,
-32.8770, 17.6430

■ 3.7790, -9.2630,
8.1850

■ 190.8540,
-31.0430, 17.4450

■ 0.0000, 0.0000,
0.0000

■ 215.9610,
-21.4590, 8.9490

■ 241.3560,

-12.7460, -0.2820

■ 61.0550, -36.2230,
12.2010

■ 61.0550, -36.2230,
12.2010

■ 52.7710, -41.1750,
13.8410

■ 69.3390, -31.2710,
10.5610

■ 44.4870, -46.1270,
15.4810

■ 77.6230, -26.3190,
8.9210

■ 37.3880, -50.1620,
17.0220

■ 86.7930, -21.0460,
6.9700

■ 95.0770, -16.0940,
5.3300

■ 103.3610,
-11.1420, 3.6900

■ 111.6450, -6.1900,
2.0500

■ 119.9290, -1.2380,
0.4100

■ 128.5120, 4.3100,
-1.0180

■ 137.3830, 8.9870,
-3.1810

Harmonies

Analogous

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



56.1720, -58.9620, 0.2860



61.0550, -36.2230, 12.2010



67.1480, 3.4800, 25.0480

Triad

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



61.0550, -36.2230, 12.2010



62.2150, 44.9310, 6.2030



51.4860, -37.5000, -25.2440

Complementary

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



61.0550, -36.2230, 12.2010



94.9450, 36.2230, -12.2010

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.



55.0900, -10.0820, -26.5460



61.0550, -36.2230, 12.2010



61.5430, 37.4150, -11.7770

Square

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



61.0550, -36.2230, 12.2010



62.1140, 44.3780, 21.7380



59.6390, 19.1690, -22.5190



55.6070, -47.7260, -16.1260

Rectangle

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



61.0550, -36.2230, 12.2010



65.6080, 22.7360, 28.4960



59.6390, 19.1690, -22.5190



49.7590, -34.0150, -27.8310

Sweetspot

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



61.0550, -36.2230, 12.2010



134.0340, -14.5350, 4.6090



92.3820, -43.1390, -27.6750



64.5030, -8.6660, 2.8700



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



61.0550, -36.2230, 12.2010



63.0330, -56.3520, 19.0720



48.5170, -19.3080, 30.5480



56.8580, -2.4760, 0.8200



38.3170, -51.4000, 17.4320



77.4490, -103.7170, 34.9630

Inverse Universe

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



63.6180, 43.1390, 27.6750



67.0930, 67.2070, 43.0390



107.4830, 19.3080, -30.5480



57.0220, 2.9340, 1.8940



42.0490, 61.3390, 39.2510



84.8100, 123.5490, 79.2370

Previews

White Background



This preview shows how the YIQ color 61.0550, -36.2230, 12.2010 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



This preview shows how the YIQ color 61.0550, -36.2230, 12.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

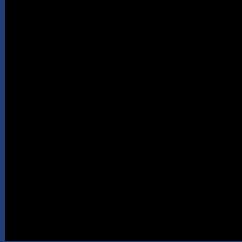
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.0550, -36.2230, 12.2010

Background



This preview shows how black text looks on a background with the YIQ color 61.0550, -36.2230, 12.2010.



This preview shows how white text looks on a background with the YIQ color 61.0550, -36.2230,

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

61.0550, -36.2230, 12.2010

Protanopia

60.7560, -36.8190, 11.9890

Deuteranopia

52.0800, -55.7070, 1.8690



Tritanopia

51.1560, -44.8380, -13.3980

Trichromacy



Original Color

61.0550, -36.2230, 12.2010

Protanomaly

60.7560, -36.8190, 11.9890

Deuteranomaly

55.3090, -48.9220, 5.5580

Tritanomaly

54.8070, -41.9970, -4.3090

Monochromacy



Original Color

61.0550, -36.2230, 12.2010

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.1050, -13.2970, 4.1990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.0550, -36.2230, 12.2010 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(34, 63, 122)` looks like.

```
.text, #text, p{  
    color:rgb(34, 63, 122)  
}
```

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(34, 63, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 63, 122) }
```

Border

The CSS property to change the border of an element to YIQ 61.0550, -36.2230, 12.2010 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(34, 63, 122) }
```


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

```
.border{ border-color:rgb(34, 63, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 63, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 63, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 63, 122);  
box-shadow:4px 4px 4px 4px rgb(34, 63,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 61.0550, -36.2230, 12.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 63, 122) }
```

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

```
.background{ background-color: rgb(34, 63,  
122) }
```

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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