

Converting Colors

YIQ(73.2550, 146.0200, 51.9400)

Have a look what the booklet for
YIQ(73.2550, 146.0200, 51.9400)
contains.

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Color

**YIQ(73.2550, 146.0200,
51.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	F50000
RGB	245, 0, 0
RGB Percent	96%, 0%, 0%
CMY	0.0386, 0.9997, 0.9994
CMYK	0.00, 1.00, 1.00, 0.04
HSL	360°, 100%, 48%
HSV	360°, 100%, 96%
XYZ	37.7089, 19.4396, 1.7690
YIQ	73.2550, 146.0200, 51.9400

Conversions

Conversions Part 2

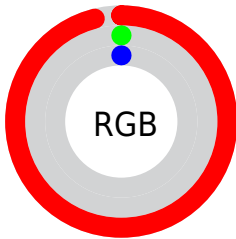
Format	Color
R _Y B	245, 0, 0
Decimal	16056320
CIE Lab	51.20, 77.75, 65.20
CIE LCh	51, 101.476, 39.982
Yxy	19.4396, 0.6400, 0.3299
Android (android.graphics.Color)	4294246400 (0xFFFF50000)
YUV	73.2550, -36.1147, 150.6204
Hunter-Lab	44.0903, 75.5067, 28.4844

Details

The YIQ color **73.2550, 146.0200, 51.9400** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **171.7450, -146.0200, -51.9400**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9210, 107.8330, 22.6250**, and **53.2220, 106.0880, 37.7360** is the 20% darker color. If you saturate the color by 10%, you get **73.2550, 146.0200, 51.9400**, and if you desaturate by 10%, it is **90.7800, 131.1200, 46.6400**.

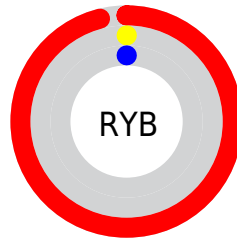
Distribution



Red (96%)

Green (0%)

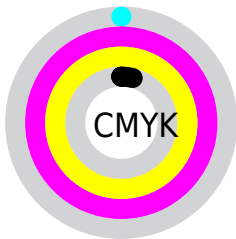
Blue (0%)



Red (96%)

Yellow (0%)

Blue (0%)

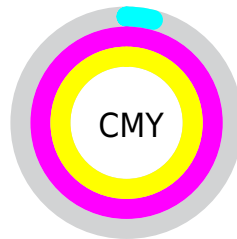


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 73.2550, 146.0200, 51.9400 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 73.2550, 146.0200, 51.9400 by changing the saturation by 10% instead.


 73.2550, 146.0200,
51.9400


 73.2550, 146.0200,
51.9400


 254.0880, 2.5680,
-2.4880


 63.0890, 125.7560,
44.7320


 138.0350,
107.5120, 22.9360


 53.2220, 106.0880,
37.7360


 159.0820, 90.9620,
14.4980


 43.3550, 86.4200,
30.7400


 180.2430, 74.0910,
6.3710

 33.7160, 66.1100,
24.3660

 200.8170, 57.4950,
-1.2330

 24.9740, 47.5880,
18.6280

 221.5050, 40.5780,
-8.5260


 15.1780, 29.1580,
11.2220


 242.3070, 23.3400,


 0.0000, 0.0000,


-15.5080


0.0000


 250.7820, 11.8770,
-11.5070


 73.2550, 146.0200,
51.9400

 90.7800, 131.1200,
46.6400

 107.6040,
116.8160, 41.5520

 125.1290,
101.9160, 36.2520

 141.9530, 87.6120,
31.1640

 159.4780, 72.7120,
25.8640

■ 176.3020, 58.4080,
20.7760

■ 193.8270, 43.5080,
15.4760

■ 210.6510, 29.2040,
10.3880

■ 228.1760, 14.3040,
5.0880

Harmonies

Analogous

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



87.4170, 120.5220, 84.5380



73.2550, 146.0200, 51.9400



113.7710, 89.4990, -8.5570

Triad

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



73.2550, 146.0200, 51.9400



95.7220, -60.0970, -61.7690



103.0320, -116.5050, 13.4070

Complementary

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



73.2550, 146.0200, 51.9400



171.7450, -146.0200, -51.9400

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.



115.9460, -122.5550, 1.9010



73.2550, 146.0200, 51.9400



108.0850, -90.7750, -34.4150

Square

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



73.2550, 146.0200, 51.9400



85.1150, -39.8750, -75.8350



117.5470, -117.4180, -8.6020



120.0050, -13.3090, 70.5230

Rectangle

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



73.2550, 146.0200, 51.9400



114.4040, 56.0790, -30.6490



117.5470, -117.4180, -8.6020



108.3150, -118.9800, 8.7000

Sweetspot

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



73.2550, 146.0200, 51.9400



201.7240, 45.2960, 16.1120



99.9890, 64.9910, 127.2870



95.7540, 27.4160, 9.7520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



73.2550, 146.0200, 51.9400



76.2450, 151.9800, 54.0600



143.1080, 113.2950, -10.2970



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Inverse Universe

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



73.2550, 146.0200, 51.9400



76.2450, 151.9800, 54.0600



102.4790, -113.5700, 9.7740



113.5880, 7.1520, 2.5440



55.6140, 110.8560, 39.4320



17.6410, 35.1640, 12.5080

Previews

White Background



This preview shows how the YIQ color 73.2550, 146.0200, 51.9400 looks on a white 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

Black Background



This preview shows how the YIQ color 73.2550, 146.0200, 51.9400 looks on a black 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

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

YIQ 73.2550, 146.0200, 51.9400

Background



This preview shows how black text looks on a background with the YIQ color 73.2550, 146.0200, 51.9400.



This preview shows how white text looks on a background with the YIQ color 73.2550, 146.0200,

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

73.2550, 146.0200, 51.9400

Protanopia

117.9970, 38.4720, -25.4320

Deuteranopia

115.3230, 60.8010, -28.1190



Tritanopia

86.1580, 138.5030, 39.4870

Trichromacy



Original Color

73.2550, 146.0200, 51.9400

Protanomaly

101.8750, 77.9430, 2.6390

Deuteranomaly

99.6500, 91.6980, 1.1540

Tritanomaly

81.7610, 141.2990, 43.8830

Monochromacy



Original Color

73.2550, 146.0200, 51.9400

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0240, 53.3190, 19.3910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.2550, 146.0200, 51.9400 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(245, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 0)  
}
```

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(245, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 0) }
```

Border

The CSS property to change the border of an element to YIQ 73.2550, 146.0200, 51.9400 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(245, 0, 0) }
```


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

```
.border{ border-color:rgb(245, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(245, 0, 0); box-shadow:4px  
4px 4px 4px rgb(245, 0, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 73.2550, 146.0200, 51.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 0) }
```

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

```
.background{ background-color: rgb(245, 0,  
0) }
```

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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