

Converting Colors

YIQ(63.7220, 92.3360, 22.6400)

Have a look what the booklet for
YIQ(63.7220, 92.3360, 22.6400)
contains.

YIQ(63.7220, 92.3360, 22.6400)	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(63.7220, 92.3360,
22.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	A61800
RGB	166, 24, 0
RGB Percent	65%, 9%, 0%
CMY	0.3487, 0.9061, 0.9996
CMYK	0.00, 0.86, 1.00, 0.35
HSL	9°, 100%, 33%
HSV	9°, 100%, 65%
XYZ	16.0691, 8.7669, 0.8481
YIQ	63.7220, 92.3360, 22.6400

Conversions

Conversions Part 2

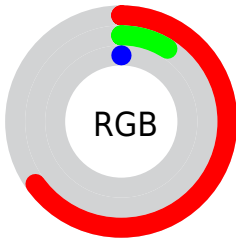
Format	Color
R_{YB}	166, 28, 0
Decimal	10885120
CIE _{Lab}	35.53, 54.36, 49.13
CIE _{LCh}	36, 73.269, 42.110
Yxy	8.7669, 0.6256, 0.3413
Android (android.graphics.Color)	4289075200 (0xFFA61800)
YUV	63.7220, -31.4149, 89.6978
Hunter-Lab	29.6090, 45.0581, 19.0281

Details

The YIQ color **63.7220, 92.3360, 22.6400** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **102.2780, -92.3360, -22.6400**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9520, 97.3800, 19.3320**, and **31.0960, 61.9840, 22.0480** is the 20% darker color. If you saturate the color by 10%, you get **63.7220, 92.3360, 22.6400**, and if you desaturate by 10%, it is **73.8780, 83.0290, 20.6050**.

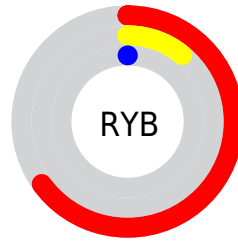
Distribution



Red (65%)

Green (9%)

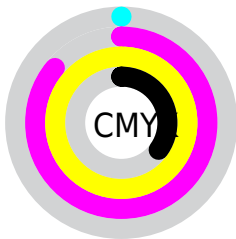
Blue (0%)



Red (65%)

Yellow (11%)

Blue (0%)

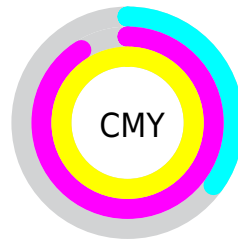


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (35%)



Cyan (35%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 63.7220, 92.3360, 22.6400 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 63.7220, 92.3360, 22.6400 by changing the saturation by 10% instead.


 63.7220, 92.3360,
22.6400


 63.7220, 92.3360,
22.6400


 252.4920, 7.0620,
-6.8420


 40.3650, 80.4600,
28.6200


 123.9520, 97.3800,
19.3320


 31.0960, 61.9840,
22.0480

 150.3110, 97.7470,
18.1870


 22.1260, 44.1040,
15.6880

 169.5970, 82.0220,
11.3180

 13.9820, 26.7740,
10.3740

 188.9970, 65.9760,
4.7600

 0.0000, 0.0000,
0.0000

 208.3970, 49.9300,
-1.7980

 228.4980, 33.2880,

-8.5680

■ 249.3000, 16.0500,
-15.5500

■ 63.7220, 92.3360,
22.6400

■ 73.8780, 83.0290,
20.6050

■ 83.9200, 74.0430,
18.2590

■ 94.6630, 64.4610,
15.7010

■ 104.8190, 55.1540,
13.6660

■ 114.8610, 46.1680,
11.3200

■ 125.0170, 36.8610,
9.2850

■ 135.6460, 27.6000,
6.4160

■ 145.8020, 18.2930,
4.3810

■ 155.9580, 8.9860,
2.3460

Harmonies

Analogous

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



61.3010, 87.6530, 57.9650



63.7220, 92.3360, 22.6400



78.4980, 59.6510, -7.2690

Triad

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



63.7220, 92.3360, 22.6400



66.6510, -42.9990, -41.2310



72.2220, -87.6210, 18.5790

Complementary

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



63.7220, 92.3360, 22.6400



102.2780, -92.3360, -22.6400

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.



81.1580, -90.7370, 8.9670



63.7220, 92.3360, 22.6400



75.0070, -63.7720, -22.6840

Square

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



63.7220, 92.3360, 22.6400



58.7000, -27.5000, -52.3000



80.6900, -81.1520, -5.0560



83.3210, -3.3560, 49.8280

Rectangle

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



63.7220, 92.3360, 22.6400



78.3220, 36.1790, -22.4210



80.6900, -81.1520, -5.0560



76.5590, -90.1880, 15.5400

Sweetspot

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



63.7220, 92.3360, 22.6400



176.7180, 36.2650, 9.0730



66.0500, 52.7120, 79.9760



85.4820, 22.1900, 5.3420



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



63.7220, 92.3360, 22.6400



83.0800, 120.8070, 29.7910



111.2690, 70.0610, -19.7230



78.9790, 4.4930, 1.1730



56.5790, 82.4330, 20.3930



7.7410, 11.0950, 2.6710

Inverse Universe

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



102.2780, -92.3360, -22.6400



133.9200, -120.8070, -29.7910



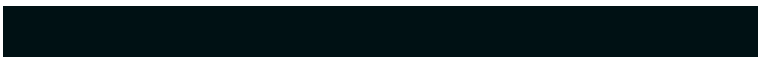
54.7310, -70.0610, 19.7230



81.0210, -4.4930, -1.1730



91.4210, -82.4330, -20.3930



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 63.7220, 92.3360, 22.6400 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

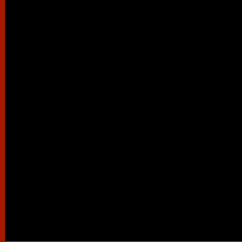
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.7220, 92.3360, 22.6400

Background



This preview shows how black text looks on a background with the YIQ color 63.7220, 92.3360, 22.6400.



This preview shows how white text looks on a background with the YIQ color 63.7220, 92.3360,

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

63.7220, 92.3360, 22.6400

Protanopia

81.5800, 26.8250, -18.0950

Deuteranopia

79.8390, 42.0930, -19.4670



Tritanopia

65.4150, 86.1910, 29.3830

Trichromacy



Original Color

63.7220, 92.3360, 22.6400

Protanomaly

74.6420, 50.6180, -3.2540

Deuteranomaly

73.7910, 60.3840, -4.0320

Tritanomaly

64.6170, 88.4380, 27.2060

Monochromacy



Original Color

63.7220, 92.3360, 22.6400

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.6360, 33.5600, 8.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.7220, 92.3360, 22.6400 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(166, 24, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 24, 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(166, 24, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 24, 0) }
```

Border

The CSS property to change the border of an element to YIQ 63.7220, 92.3360, 22.6400 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(166, 24, 0) }
```


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

```
.border{ border-color:rgb(166, 24, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 24, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 24, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 24, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 24, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.7220, 92.3360, 22.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 24, 0) }
```

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

```
.background{ background-color: rgb(166, 24,  
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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