

Converting Colors

YIQ(92.0100, -22.0140, 35.5380)

Have a look what the booklet for
YIQ(92.0100, -22.0140, 35.5380)
contains.

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Color

**YIQ(92.0100, -22.0140,
35.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4BB1
RGB	93, 75, 177
RGB Percent	36%, 29%, 69%
CMY	0.6352, 0.7059, 0.3060
CMYK	0.47, 0.58, 0.00, 0.31
HSL	251°, 40%, 49%
HSV	251°, 58%, 69%
XYZ	14.9641, 10.5324, 42.8171
YIQ	92.0100, -22.0140, 35.5380

Conversions

Conversions Part 2

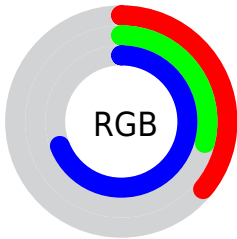
Format	Color
RYB	93, 75, 177
Decimal	6114225
CIELab	38.78, 33.86, -52.08
CIELCh	39, 62.115, 303.031
Yxy	10.5324, 0.2191, 0.1542
Android (android.graphics.Color)	4284304305 (0xFF5D4BB1)
YUV	92.0100, 41.9001, 0.8682
Hunter-Lab	32.4536, 25.5112, -55.5056

Details

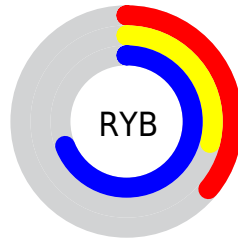
The YIQ color **92.0100, -22.0140, 35.5380** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **159.9900, 22.0140, -35.5380**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **143.9010, -20.0890, 39.1990**, and **41.7980, -27.4690, 29.7710** is the 20% darker color. If you saturate the color by 10%, you get **76.9590, -26.0040, 41.7720**, and if you desaturate by 10%, it is **107.0610, -18.0240, 29.3040**.

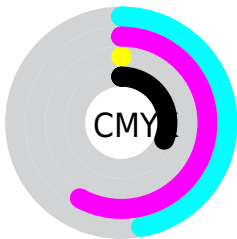
Distribution



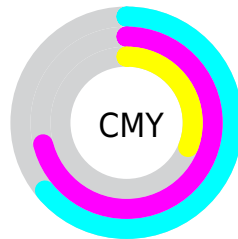
- Red (36%)
- Green (29%)
- Blue (69%)



- Red (36%)
- Yellow (29%)
- Blue (69%)



- Cyan (47%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.0100, -22.0140, 35.5380 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 92.0100, -22.0140, 35.5380 by changing the saturation by 10% instead.

■ 92.0100, -22.0140,
35.5380

■ 92.0100, -22.0140,
35.5380

■ 255.0000, -0.0000,
-0.0000

■ 67.0590, -23.7100,
33.2340

■ 143.9010,
-20.0890, 39.1990

■ 41.7980, -27.4690,
29.7710

■ 170.6300,
-17.8880, 37.8560

■ 16.4550, -33.9330,
25.7710

■ 194.5630, -7.7540,
30.4060

■ 8.3220, -23.4330,
22.7030

■ 219.6700, 1.8300,
21.9100

■ 8.0480, -17.1500,
13.4580

■ 242.0860, 6.0500,
11.5060

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,

0.0000

■ 92.0100, -22.0140,
35.5380

■ 92.0100, -22.0140,
35.5380

■ 76.9590, -26.0040,
41.7720

■ 107.0610,
-18.0240, 29.3040

■ 62.7940, -29.6730,
47.6950

■ 121.2260,
-14.3550, 23.3810

■ 47.7430, -33.6630,
53.9290

■ 136.2770,
-10.3650, 17.1470

■ 32.9910, -37.0570,
60.3750

■ 151.0290, -6.9710,
10.7010

■ 29.4470, -38.3410,
61.6190

■ 165.4930, -2.7060,
4.9900

■ 180.2450, 0.6880,
-1.4560

■ 195.2960, 4.6780,
-7.6900

■ 210.3470, 8.6680,
-13.9240

■ 224.5120, 12.3370,
-19.8470

Harmonies

Analogous

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



78.3540, -88.3530, 9.8150



92.0100, -22.0140, 35.5380



87.6060, 35.3860, 52.5540

Triad

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



92.0100, -22.0140, 35.5380



84.7440, 67.7660, -5.6580



77.1610, -61.5700, -29.5540

Complementary

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



92.0100, -22.0140, 35.5380



159.9900, 22.0140, -35.5380

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.



69.3580, -43.7320, -44.4680



92.0100, -22.0140, 35.5380



85.4100, 38.7470, -24.9090

Square

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



92.0100, -22.0140, 35.5380



79.9410, 78.7180, 27.1500



77.1940, 3.5840, -42.9440



82.2740, -77.3450, -13.4810

Rectangle

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



92.0100, -22.0140, 35.5380



77.7850, 62.8030, 56.7790



77.1940, 3.5840, -42.9440



74.6360, -55.8380, -34.3180

Sweetspot

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



92.0100, -22.0140, 35.5380



196.6530, -8.6680, 13.9240



136.5230, -56.1170, -12.7330



95.8180, -4.9990, 8.0010



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



92.0100, -22.0140, 35.5380



97.4980, -34.3510, 55.3850



106.9600, 7.7860, 46.1380



81.6240, -1.6970, 3.2230



25.5150, -33.0210, 53.3070



4.4590, -5.3660, 9.1460

Inverse Universe

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



115.0740, 33.8280, 47.7480



133.3610, 53.0340, 74.1380



145.0400, -7.7860, -46.1380



83.6030, 2.7960, 4.3960



60.1110, 50.7420, 71.6220



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 92.0100, -22.0140, 35.5380 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 × Fail

Black Background



This preview shows how the YIQ color 92.0100, -22.0140, 35.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

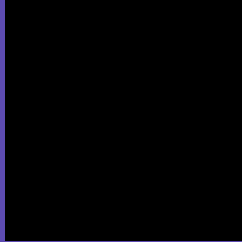
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 92.0100, -22.0140, 35.5380

Background



This preview shows how black text looks on a background with the YIQ color 92.0100, -22.0140, 35.5380.



This preview shows how white text looks on a background with the YIQ color 92.0100, -22.0140,

35.5380.

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

92.0100, -22.0140, 35.5380

Protanopia

72.9740, -84.2270, 12.1330

Deuteranopia

73.1730, -77.8980, 2.0540



Tritanopia

89.0350, -16.2760, -2.3880

Trichromacy



Original Color

92.0100, -22.0140, 35.5380

Protanomaly

79.7490, -61.3040, 20.7120

Deuteranomaly

79.8000, -57.3140, 14.4780

Tritanomaly

90.3960, -18.2500, 11.3660

Monochromacy



Original Color

92.0100, -22.0140, 35.5380

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

92.0120, -8.3010, 12.7790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.0100, -22.0140, 35.5380 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(93, 75, 177)` looks like.

```
.text, #text, p{  
    color:rgb(93, 75, 177)  
}
```

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(93, 75, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 75, 177) }
```

Border

The CSS property to change the border of an element to YIQ 92.0100, -22.0140, 35.5380 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(93, 75, 177) }
```


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

```
.border{ border-color:rgb(93, 75, 177) }
```

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

Here you see how a box with a 4 pixel rgb(93, 75, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 75, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 75, 177);  
box-shadow:4px 4px 4px 4px rgb(93, 75,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 92.0100, -22.0140, 35.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 75, 177) }
```

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

```
.background{ background-color: rgb(93, 75,  
177) }
```

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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