

Converting Colors

YIQ(73.2020, 41.2010, 95.8650)

Have a look what the booklet for
YIQ(73.2020, 41.2010, 95.8650)
contains.

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Color

**YIQ(73.2020, 41.2010,
95.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	AC00BF
RGB	172, 0, 191
RGB Percent	67%, 0%, 75%
CMY	0.3250, 0.9999, 0.2510
CMYK	0.10, 1.00, 0.00, 0.25
HSL	294°, 100%, 37%
HSV	294°, 100%, 75%
XYZ	26.4472, 12.5477, 50.3205
YIQ	73.2020, 41.2010, 95.8650

Conversions

Conversions Part 2

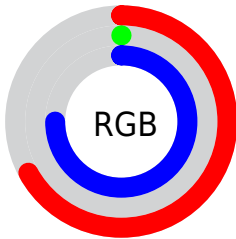
Format	Color
R_{YB}	172, 0, 191
Decimal	11272383
CIE Lab	42.07, 76.11, -54.50
CIE LCh	42, 93.611, 324.393
Yxy	12.5477, 0.2961, 0.1405
Android (android.graphics.Color)	4289462463 (0xFFAC00BF)
YUV	73.2020, 58.0744, 86.6458
Hunter-Lab	35.4227, 71.2818, -59.4299

Details

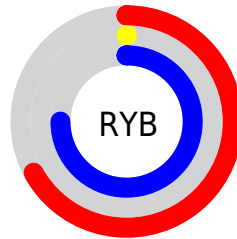
The YIQ color **73.2020, 41.2010, 95.8650** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **117.7980, -41.2010, -95.8650**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.8230, 34.4180, 81.1220**, and **49.5900, 24.2880, 66.4640** is the 20% darker color. If you saturate the color by 10%, you get **73.2020, 41.2010, 95.8650**, and if you desaturate by 10%, it is **84.9530, 37.1680, 86.3520**.

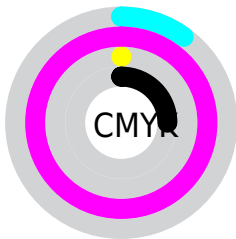
Distribution



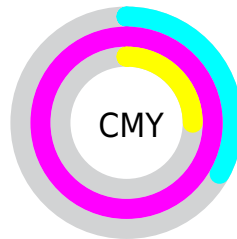
- Red (67%)
- Green (0%)
- Blue (75%)



- Red (67%)
- Yellow (0%)
- Blue (75%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.2020, 41.2010, 95.8650 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 73.2020, 41.2010, 95.8650 by changing the saturation by 10% instead.

73.2020, 41.2010,
95.8650

73.2020, 41.2010,
95.8650

255.0000, -0.0000,
-0.0000

61.3390, 32.9050,
81.0090

148.1220, 35.0140,
81.3340

49.5900, 24.2880,
66.4640

173.4070, 38.2250,
72.6970

38.2540, 15.9460,
52.4420

190.4300, 30.2500,
57.5300

27.3310, 7.8790,
38.9430

207.4530, 22.2750,
42.3630

15.3260, -2.8930,
24.9070

224.4760, 14.3000,
27.1960

5.5060, -12.7480,
10.7720

242.0860, 6.0500,

2.2970, -5.0900,

11.5060

4.1420

■ 0.0000, 0.0000,
0.0000

■ 73.2020, 41.2010,
95.8650

■ 84.9530, 37.1680,
86.3520

■ 96.7040, 33.1350,
76.8390

■ 108.4550, 29.1020,
67.3260

■ 120.2060, 25.0690,
57.8130

■ 132.5440, 20.7610,
47.7770

■ 143.9960, 16.1320,
38.0520

■ 155.7470, 12.0990,
28.5390

■ 167.4980, 8.0660,
19.0260

■ 179.2490, 4.0330,
9.5130

Harmonies

Analogous

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



78.2980, -101.9740, 30.9060



73.2020, 41.2010, 95.8650



79.1180, 93.5630, 83.0270

Triad

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



73.2020, 41.2010, 95.8650



94.0700, 54.5640, -19.7080



93.6040, -87.2020, -16.5620

Complementary

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



73.2020, 41.2010, 95.8650



117.7980, -41.2010, -95.8650

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.



83.8970, -61.2470, -40.9190



73.2020, 41.2010, 95.8650



83.3740, 2.8970, -47.0150

Square

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



73.2020, 41.2010, 95.8650



82.6270, 99.6730, 16.3210



72.2010, -33.8250, -64.3290



100.4270, -107.7920, 4.1760

Rectangle

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



73.2020, 41.2010, 95.8650



74.9130, 112.5930, 68.5370



72.2010, -33.8250, -64.3290



90.6400, -78.8560, -24.6480

Sweetspot

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



73.2020, 41.2010, 95.8650



201.4690, 16.1780, 37.2180



32.9270, -66.5360, 49.4640



97.3890, 9.9910, 22.6870



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



73.2020, 41.2010, 95.8650



94.8350, 53.6210, 124.0930



70.2190, 76.9210, 76.2570



88.4180, 1.8790, 4.4950



60.4700, 33.9140, 79.2420



11.9060, 6.7370, 15.5770

Inverse Universe

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



59.2750, 107.7370, 46.4010



76.5890, 139.5080, 59.8280



120.7810, -76.9210, -76.2570



87.8050, 5.0430, 2.2190



49.0660, 89.0320, 38.4720



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 73.2020, 41.2010, 95.8650 looks on a white background.

Color Contrast Check

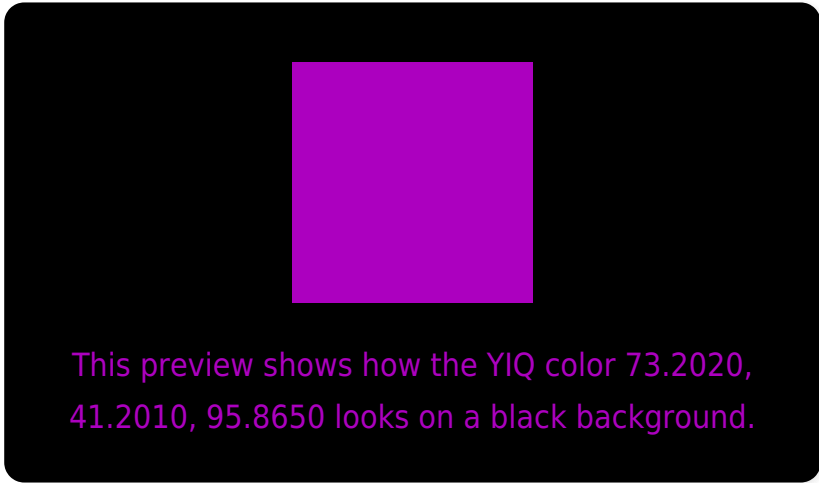
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

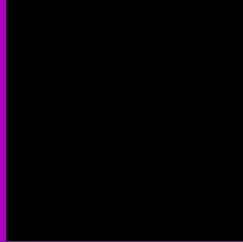
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.2020, 41.2010, 95.8650

Background



This preview shows how black text looks on a background with the YIQ color 73.2020, 41.2010, 95.8650.



This preview shows how white text looks on a background with the YIQ color 73.2020, 41.2010,

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

73.2020, 41.2010, 95.8650

Protanopia

81.1240, -93.3970, 13.1230

Deuteranopia

90.2500, -67.6290, 8.6830



Tritanopia

100.3870, 47.8630, 19.1510

Trichromacy



Original Color

73.2020, 41.2010, 95.8650

Protanomaly

78.1450, -44.0230, 43.4410

Deuteranomaly

84.2360, -28.3420, 40.0900

Tritanomaly

90.5930, 45.4280, 46.7720

Monochromacy



Original Color

73.2020, 41.2010, 95.8650

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.8170, 15.0780, 35.1260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.2020, 41.2010, 95.8650 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(172, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 0, 191)  
}
```

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(172, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 0, 191) }
```

Border

The CSS property to change the border of an element to YIQ 73.2020, 41.2010, 95.8650 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(172, 0, 191) }
```


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

```
.border{ border-color:rgb(172, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(172, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 0,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 73.2020, 41.2010, 95.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 0, 191) }
```

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

```
.background{ background-color: rgb(172, 0,  
191) }
```

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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