

Converting Colors

YIQ(64.0620, 34.1020, 53.7980)

Have a look what the booklet for
YIQ(64.0620, 34.1020, 53.7980)
contains.

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Color

**YIQ(64.0620, 34.1020,
53.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	821476
RGB	130, 20, 118
RGB Percent	51%, 8%, 46%
CMY	0.4899, 0.9217, 0.5372
CMYK	0.00, 0.85, 0.09, 0.49
HSL	307°, 73%, 29%
HSV	307°, 85%, 51%
XYZ	12.7388, 6.5594, 17.7389
YIQ	64.0620, 34.1020, 53.7980

Conversions

Conversions Part 2

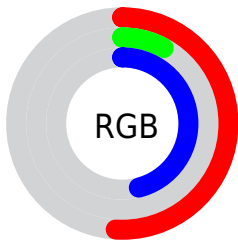
Format	Color
R_{YB}	130, 20, 118
Decimal	8524918
CIE _{Lab}	30.78, 54.23, -28.57
CIE _{LCh}	31, 61.299, 332.216
Yxy	6.5594, 0.3439, 0.1771
Android (android.graphics.Color)	4286714998 (0xFF821476)
YUV	64.0620, 26.5914, 57.8276
Hunter-Lab	25.6113, 43.9643, -23.1376

Details

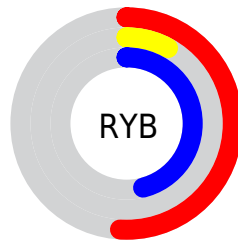
The YIQ color **64.0620, 34.1020, 53.7980** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **85.9380, -34.1020, -53.7980**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.0680, 33.9650, 50.7730**, and **30.5900, 23.1470, 37.5710** is the 20% darker color. If you saturate the color by 10%, you get **56.3170, 37.9980, 60.2860**, and if you desaturate by 10%, it is **71.8070, 30.2060, 47.3100**.

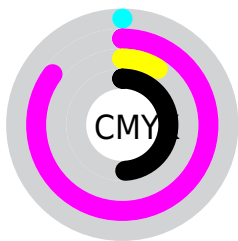
Distribution



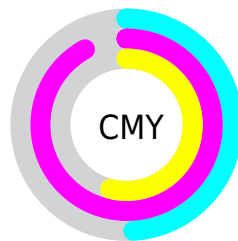
- Red (51%)
- Green (8%)
- Blue (46%)



- Red (51%)
- Yellow (8%)
- Blue (46%)



- Cyan (0%)
- Magenta (85%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (92%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.0620, 34.1020, 53.7980 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 64.0620, 34.1020, 53.7980 by changing the saturation by 10% instead.

64.0620, 34.1020,
53.7980

64.0620, 34.1020,
53.7980

255.0000, -0.0000,
-0.0000

41.3990, 31.5350,
50.7590

122.0680, 33.9650,
50.7730

30.5900, 23.1470,
37.5710

149.6660, 35.1570,
51.1970

21.2050, 16.5010,
25.8530

177.3780, 36.0280,
51.9320

8.8300, 3.8950,
12.0150

200.4090, 25.5750,
48.6390

0.0000, 0.0000,
0.0000

216.8450, 17.8750,
33.9950

233.8680, 9.9000,

18.8280

250.8910, 1.9250,
3.6610

64.0620, 34.1020,
53.7980

64.0620, 34.1020,
53.7980

56.3170, 37.9980,
60.2860

71.8070, 30.2060,
47.3100

52.0940, 40.2440,
63.6360

79.6660, 25.9890,
41.1330

87.4110, 22.0930,
34.6450

95.2700, 17.8760,
28.4680

103.0150, 13.9800,
21.9800

■ 110.8740, 9.7630,
15.8030

■ 118.6190, 5.8670,
9.3150

■ 126.3640, 1.9710,
2.8270

■ 134.2230, -2.2460,
-3.3500

Harmonies

Analogous

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



71.4610, -24.9020, 32.8100



64.0620, 34.1020, 53.7980



53.5420, 67.8010, 54.3050

Triad

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



64.0620, 34.1020, 53.7980



67.9780, 31.4560, -19.4240



68.0260, -64.7830, -9.8630

Complementary

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



64.0620, 34.1020, 53.7980



85.9380, -34.1020, -53.7980

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.



62.5540, -49.3750, -24.7910



64.0620, 34.1020, 53.7980



59.4850, -1.3690, -35.7770

Square

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



64.0620, 34.1020, 53.7980



67.0130, 59.8790, -0.3850



54.8650, -31.8580, -39.3940



69.6680, -74.9180, 3.1140

Rectangle

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



64.0620, 34.1020, 53.7980



49.7090, 77.1560, 44.4520



54.8650, -31.8580, -39.3940



66.3160, -59.9680, -14.5280

Sweetspot

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



64.0620, 34.1020, 53.7980



142.8900, 12.8340, 20.7220



35.8290, -28.7540, 36.5420



68.9830, 7.8380, 12.1420



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



64.0620, 34.1020, 53.7980



67.3320, 51.9780, 82.2660



57.9060, 51.4360, 37.0040



62.4780, 1.6500, 3.1380



52.0940, 40.2440, 63.6360



1.1250, 1.1460, 1.2580

Inverse Universe

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



64.0620, 34.1020, 53.7980



67.3320, 51.9780, 82.2660



92.0940, -51.4360, -37.0040



62.4780, 1.6500, 3.1380



52.0940, 40.2440, 63.6360



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 64.0620, 34.1020, 53.7980 looks on a white background.

Color Contrast Check

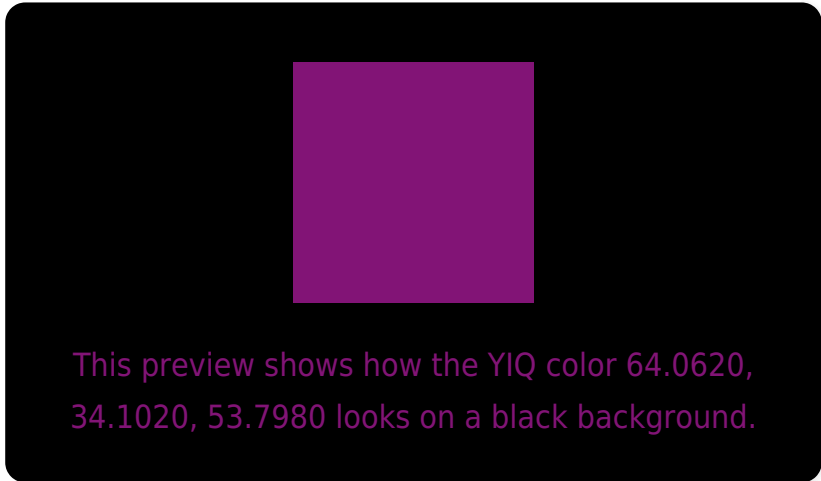
Large Text (above 18pt) WCAG AA ✓ Pass

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

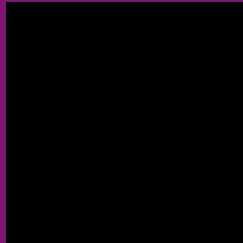
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.0620, 34.1020, 53.7980

Background



This preview shows how black text looks on a background with the YIQ color 64.0620, 34.1020, 53.7980.



This preview shows how white text looks on a background with the YIQ color 64.0620, 34.1020,

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

64.0620, 34.1020, 53.7980

Protanopia

59.5920, -68.5920, 9.6160

Deuteranopia

73.1350, -22.0090, 7.9030



Tritanopia

71.7670, 43.7370, 16.8330

Trichromacy



Original Color

64.0620, 34.1020, 53.7980

Protanomaly

61.1240, -31.5030, 25.7850

Deuteranomaly

69.8100, -1.3800, 25.0200

Tritanomaly

68.6440, 40.2500, 30.4740

Monochromacy



Original Color

64.0620, 34.1020, 53.7980

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0640, 12.2840, 19.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.0620, 34.1020, 53.7980 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(130, 20, 118)` looks like.

```
.text, #text, p{  
    color:rgb(130, 20, 118)  
}
```

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(130, 20, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 20, 118) }
```

Border

The CSS property to change the border of an element to YIQ 64.0620, 34.1020, 53.7980 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(130, 20, 118) }
```


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

```
.border{ border-color:rgb(130, 20, 118) }
```

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

Here you see how a box with a 4 pixel rgb(130, 20, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 20, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 20, 118);  
box-shadow:4px 4px 4px 4px rgb(130, 20,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 64.0620, 34.1020, 53.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 20, 118) }
```

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

```
.background{ background-color: rgb(130, 20,  
118) }
```

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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