

Converting Colors

YIQ(84.1010, 100.2600, 66.2760)

Have a look what the booklet for
YIQ(84.1010, 100.2600, 66.2760)
contains.

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Color

**YIQ(84.1010, 100.2600,
66.2760)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DD0E56 |
| RGB | 221, 14, 86 |
| RGB Percent | 87%, 5%, 34% |
| CMY | 0.1328, 0.9453, 0.6624 |
| CMYK | 0.00, 0.94, 0.61, 0.13 |
| HSL | 339°, 88%, 46% |
| HSV | 339°, 94%, 87% |
| XYZ | 31.6996, 16.3787, 10.3132 |
| YIQ | 84.1010, 100.2600, 66.2760 |

Conversions

Conversions Part 2

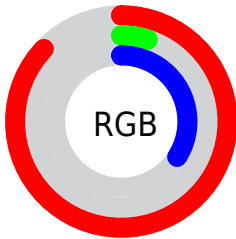
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 221, 14, 86 |
| Decimal | 14487126 |
| CIE Lab | 47.47, 73.18, 18.26 |
| CIE LCh | 47, 75.421, 14.010 |
| Yxy | 16.3787, 0.5429, 0.2805 |
| Android (android.graphics.Color) | 4292677206 (0xFFDD0E56) |
| YUV | 84.1010, 0.9362, 120.0604 |
| Hunter-Lab | 40.4706, 68.9911, 13.2205 |

Details

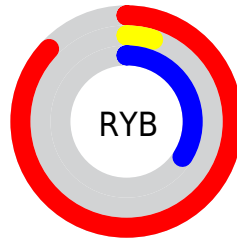
The YIQ color **84.1010, 100.2600, 66.2760** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **150.8990, -100.2600, -66.2760**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.8130, 82.7950, 46.8830**, and **52.0300, 80.6860, 46.5580** is the 20% darker color. If you saturate the color by 10%, you get **74.8570, 106.9990, 70.7990**, and if you desaturate by 10%, it is **98.7250, 89.3950, 59.4350**.

Distribution



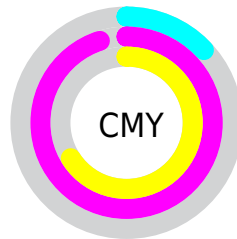
- Red (87%)
- Green (5%)
- Blue (34%)



- Red (87%)
- Yellow (5%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (61%)
- Black (13%)





- Cyan (13%)
- Magenta (95%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.1010, 100.2600, 66.2760 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 84.1010, 100.2600, 66.2760 by changing the saturation by 10% instead.


 84.1010, 100.2600,
66.2760


 84.1010, 100.2600,
66.2760


255.0000, -0.0000,
-0.0000


 63.6930, 92.4210,
59.6610


 146.8130, 82.7950,
46.8830


 52.0300, 80.6860,
46.5580


 167.3870, 66.1990,
39.2790


 40.4810, 68.6300,
33.7660


 188.0750, 49.2820,
31.9860

 28.9320, 56.5740,
20.9740

 208.8770, 32.0440,
25.0040

 20.3750, 38.9690,
15.1370

 229.6790, 14.8060,
18.0220

 9.9810, 19.3470,
7.3070

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 84.1010, 100.2600,
66.2760

■ 84.1010, 100.2600,
66.2760

■ 74.8570, 106.9990,
70.7990

■ 98.7250, 89.3950,
59.4350

■ 113.2350, 78.8510,
52.2830

■ 127.7450, 68.3070,
45.1310

■ 142.3690, 57.4420,
38.2900

■ 157.4660, 46.6230,
30.6150

■ 172.0900, 35.7580,
23.7740

■ 186.6000, 25.2140,
16.6220

■ 201.1100, 14.6700,
9.4700

■ 215.7340, 3.8050,
2.6290

Harmonies

Analogous

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



97.3640, 66.1470, 73.2750



84.1010, 100.2600, 66.2760



99.8980, 97.4720, 17.6640

Triad

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



84.1010, 100.2600, 66.2760



80.1860, -29.4690, -66.1810



103.2140, -111.5060, 5.4060

Complementary

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



84.1010, 100.2600, 66.2760



150.8990, -100.2600, -66.2760

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.



103.8060, -102.1500, -9.9740



84.1010, 100.2600, 66.2760



88.9690, -61.7500, -48.3260

Square

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



84.1010, 100.2600, 66.2760



102.7430, 32.8350, -38.9170



97.7810, -83.8070, -28.5350



92.2890, -106.9230, 15.9650

Rectangle

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



84.1010, 100.2600, 66.2760



104.8890, 83.3550, -7.3410



97.7810, -83.8070, -28.5350



104.0630, -109.7630, 1.3490

Sweetspot

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



84.1010, 100.2600, 66.2760



207.9650, 34.6120, 22.5160



77.9630, 14.0130, 92.9970



98.8660, 21.4090, 13.9930



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.



84.1010, 100.2600, 66.2760



86.3910, 123.4110, 81.7390



94.0900, 114.8470, 27.6710



102.7450, 5.2720, 3.5760



58.5670, 83.8480, 55.3360



15.5780, 22.2800, 14.7280

Inverse Universe

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



84.1010, 100.2600, 66.2760



86.3910, 123.4110, 81.7390



140.9100, -114.8470, -27.6710



102.7450, 5.2720, 3.5760



58.5670, 83.8480, 55.3360



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 84.1010, 100.2600, 66.2760 looks on a white background.

Color Contrast Check

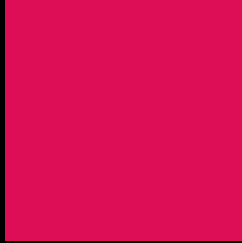
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.1010, 100.2600, 66.2760 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 84.1010, 100.2600, 66.2760

Background



This preview shows how black text looks on a background with the YIQ color 84.1010, 100.2600, 66.2760.



This preview shows how white text looks on a background with the YIQ color 84.1010, 100.2600,

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

84.1010, 100.2600, 66.2760

Protanopia

114.3680, -3.8520, 3.7320

Deuteranopia

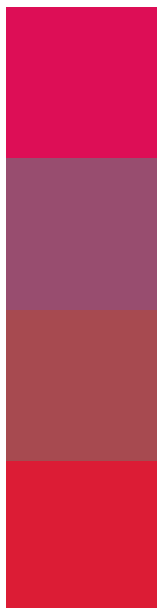
113.4250, 26.3640, -4.2280



Tritanopia

90.4890, 109.7100, 38.1740

Trichromacy



Original Color

84.1010, 100.2600, 66.2760

Protanomaly

103.3010, 33.7860, 26.4740

Deuteranomaly

102.4910, 53.5020, 21.5820

Tritanomaly

88.2580, 106.4070, 48.4790

Monochromacy



Original Color

84.1010, 100.2600, 66.2760

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.3890, 36.3540, 23.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.1010, 100.2600, 66.2760 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(221, 14, 86)` looks like.

```
.text, #text, p{  
    color:rgb(221, 14, 86)  
}
```

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(221, 14, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 14, 86) }
```

Border

The CSS property to change the border of an element to YIQ 84.1010, 100.2600, 66.2760 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(221, 14, 86) }
```


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

```
.border{ border-color:rgb(221, 14, 86) }
```

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

Here you see how a box with a 4 pixel rgb(221, 14, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 14, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 14, 86);  
box-shadow:4px 4px 4px 4px rgb(221, 14,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 84.1010, 100.2600, 66.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 14, 86) }
```

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

```
.background{ background-color: rgb(221, 14,  
86) }
```

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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