

Converting Colors

YIQ(88.2820, -87.8500, 17.2220)

Have a look what the booklet for
YIQ(88.2820, -87.8500, 17.2220)
contains.

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Color

**YIQ(88.2820, -87.8500,
17.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	0F65D7
RGB	15, 101, 215
RGB Percent	6%, 40%, 84%
CMY	0.9412, 0.6038, 0.1573
CMYK	0.93, 0.53, 0.00, 0.16
HSL	214°, 87%, 45%
HSV	214°, 93%, 84%
XYZ	17.1051, 14.3163, 66.0767
YIQ	88.2820, -87.8500, 17.2220

Conversions

Conversions Part 2

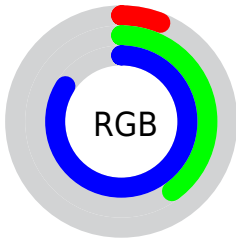
Format	Color
R_{YB}	15, 75, 215
Decimal	1009111
CIE _{Lab}	44.68, 20.73, -64.70
CIE _{LCh}	45, 67.940, 287.763
Yxy	14.3163, 0.1754, 0.1468
Android (android.graphics.Color)	4279199191 (0xFF0F65D7)
YUV	88.2820, 62.4720, -64.2683
Hunter-Lab	37.8369, 14.4808, -77.0558

Details

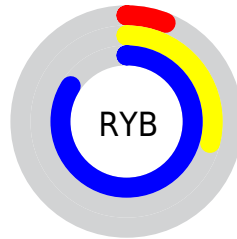
The YIQ color **88.2820, -87.8500, 17.2220** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **141.7180, 87.8500, -17.2220**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.1020, -60.8000, 22.5920**, and **50.9980, -66.4390, 20.1610** is the 20% darker color. If you saturate the color by 10%, you get **78.5140, -94.3150, 18.7490**, and if you desaturate by 10%, it is **101.6050, -78.6340, 15.3980**.

Distribution



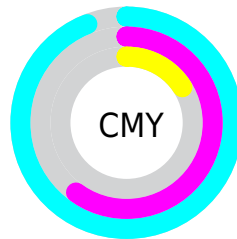
- Red (6%)
- Green (40%)
- Blue (84%)



- Red (6%)
- Yellow (29%)
- Blue (84%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (16%)



- Cyan (94%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.2820, -87.8500, 17.2220 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 88.2820, -87.8500, 17.2220 by changing the saturation by 10% instead.

■ 88.2820, -87.8500,
17.2220

■ 88.2820, -87.8500,
17.2220

■ 255.0000, -0.0000,
-0.0000

■ 67.1040, -81.4770,
17.3630

■ 149.1020,
-60.8000, 22.5920

■ 50.9980, -66.4390,
20.1610

■ 174.5190,
-49.1530, 15.2550

■ 36.1800, -52.2720,
22.2240

■ 199.6370,
-38.1020, 7.7060

■ 22.0630, -38.7010,
24.0750

■ 225.3420,
-27.3260, -0.3660

■ 15.6910, -29.0260,
19.4380

■ 247.5250,
-14.9000, -5.3000

■ 9.4330, -19.6720,
15.1120

■ 5.1640, -11.7850,

9.8390

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 88.2820, -87.8500,
17.2220

■ 88.2820, -87.8500,
17.2220

■ 78.5140, -94.3150,
18.7490

■ 101.6050,
-78.6340, 15.3980

■ 115.8140,
-69.0970, 13.2630

■ 129.1370,
-59.8810, 11.4390

■ 142.7590,
-50.0690, 9.8270

■ 156.0820,
-40.8530, 8.0030

■ 169.7040,
-31.0410, 6.3910

■ 183.6140,
-22.1000, 4.0440

■ 197.2360,
-12.2880, 2.4320

■ 210.5590, -3.0720,
0.6080

Harmonies

Analogous

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



94.5910, -102.3820, 5.2500



88.2820, -87.8500, 17.2220



107.3780, 9.6650, 50.6330

Triad

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



88.2820, -87.8500, 17.2220



96.6960, 86.0570, 9.7770



84.8430, -61.1550, -42.5870

Complementary

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



88.2820, -87.8500, 17.2220



141.7180, 87.8500, -17.2220

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.



74.3840, -38.5940, -60.4980



88.2820, -87.8500, 17.2220



100.0170, 62.0830, -18.3090

Square

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



88.2820, -87.8500, 17.2220



89.2050, 87.5630, 48.5790



95.3340, 26.7370, -38.5350



92.1560, -80.3690, -24.7610

Rectangle

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



88.2820, -87.8500, 17.2220



99.9930, 47.7180, 60.3420



95.3340, 26.7370, -38.5350



81.3890, -54.1850, -47.7610

Sweetspot

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



88.2820, -87.8500, 17.2220



209.7040, -31.0410, 6.3910



145.2820, -91.2730, -69.4570



100.1690, -19.3490, 3.7470



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.



88.2820, -87.8500, 17.2220



93.6400, -112.1050, 21.7750



41.6870, -56.4520, 64.9560



100.1890, -4.9060, 0.8060



62.9320, -75.2410, 14.4790



16.0550, -19.0280, 3.4360

Inverse Universe

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



84.6040, 91.5940, 69.1460



88.7850, 116.6700, 88.2700



188.3130, 56.4520, -64.9560



99.8590, 4.9510, 3.8870



59.5650, 78.1620, 59.2660



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 88.2820, -87.8500, 17.2220 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 88.2820, -87.8500, 17.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

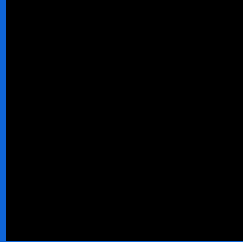
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

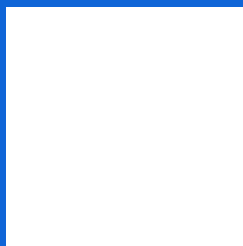
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 88.2820, -87.8500, 17.2220

Background



This preview shows how black text looks on a background with the YIQ color 88.2820, -87.8500, 17.2220.



This preview shows how white text looks on a background with the YIQ color 88.2820, -87.8500,

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

88.2820, -87.8500, 17.2220

Protanopia

86.7870, -90.8300, 16.1620

Deuteranopia

84.6000, -89.4060, 1.3620



Tritanopia

82.8150, -71.9790, -22.6270

Trichromacy



Original Color

88.2820, -87.8500, 17.2220

Protanomaly

87.3850, -89.6380, 16.5860

Deuteranomaly

85.5880, -89.1320, 7.4120

Tritanomaly

84.5500, -77.9420, -8.1660

Monochromacy



Original Color

88.2820, -87.8500, 17.2220

Achromatopsia

88.0000, -0.0000, -0.0000

Achromatomaly

88.1060, -32.2330, 5.9670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.2820, -87.8500, 17.2220 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(15, 101, 215)` looks like.

```
.text, #text, p{  
    color:rgb(15, 101, 215)  
}
```

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(15, 101, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 101, 215) }
```

Border

The CSS property to change the border of an element to YIQ 88.2820, -87.8500, 17.2220 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(15, 101, 215) }
```


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

```
.border{ border-color:rgb(15, 101, 215) }
```

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

Here you see how a box with a 4 pixel rgb(15, 101, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 101, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 101, 215);  
box-shadow:4px 4px 4px 4px rgb(15, 101,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 88.2820, -87.8500, 17.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 101, 215) }
```

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

```
.background{ background-color: rgb(15, 101,  
215) }
```

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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