

# Converting Colors

XYZ(36.8820, 43.4465, 52.3411)

Have a look what the booklet for  
XYZ(36.8820, 43.4465, 52.3411)  
contains.

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# Color

**XYZ(36.8820, 43.4465,  
52.3411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DB8B9
RGB	141, 184, 185
RGB Percent	55%, 72%, 73%
CMY	0.4470, 0.2784, 0.2745
CMYK	0.24, 0.01, 0.00, 0.27
HSL	181°, 24%, 64%
HSV	181°, 24%, 73%
XYZ	36.8820, 43.4465, 52.3411
YIQ	171.2570, -25.9490, -8.8050

# Conversions

## Conversions Part 2

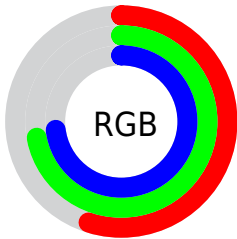
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	141, 163, 185
Decimal	9287865
CIE Lab	71.86, -14.00, -5.19
CIE LCh	72, 14.932, 200.356
Yxy	43.4465, 0.2780, 0.3275
Android (android.graphics.Color)	4287477945 (0xFF8DB8B9)
YUV	171.2570, 6.7753, -26.5354
Hunter-Lab	65.9140, -15.4702, -0.9414

# Details

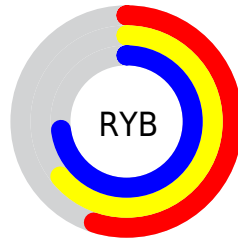
The XYZ color **36.8820, 43.4465, 52.3411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4888, 31.5837, 29.4788**, and the grayscale version is **38.8152, 40.8366, 44.4711**.

A 20% lighter version of the original color is **69.8022, 80.4068, 95.0602**, and **16.4010, 20.0224, 24.8301** is the 20% darker color. If you saturate the color by 10%, you get **33.9087, 41.7856, 52.1779**, and if you desaturate by 10%, it is **40.3836, 45.3823, 52.5309**.

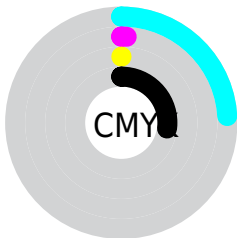
# Distribution



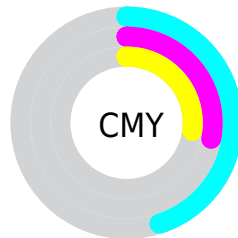
- Red (55%)
- Green (72%)
- Blue (73%)



- Red (55%)
- Yellow (64%)
- Blue (73%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (28%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8820, 43.4465, 52.3411 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 XYZ color 36.8820, 43.4465, 52.3411 by changing the saturation by 10% instead.



■ 36.8820, 43.4465,  
52.3411

■ 36.8820, 43.4465,  
52.3411

324.1638,  
360.4448, 412.7464

■ 25.2894, 30.2356,  
36.8929

■ 69.7063, 80.3842,  
95.0658

■ 16.4227, 20.0175,  
24.8295

■ 91.6687, 104.8798,  
123.1794

■ 9.9165, 12.4078,  
15.7322

■ 117.8183,  
133.9058, 156.3519

■ 5.4055, 7.0220,  
9.1825

148.5207,  
167.8465, 195.0018

■ 2.5243, 3.4759,  
4.7620

184.1410,  
207.0864, 239.5476

■ 0.9075, 1.3849,  
2.0520

225.0448,

■ 0.0000, 0.2056,

252.0098, 290.4080

0.5870

271.5972,  
303.0011, 348.0014

■ 0.0000, 0.0000,  
0.0000

■ 36.8820, 43.4465,  
52.3411

■ 36.8820, 43.4465,  
52.3411

■ 33.9087, 41.7856,  
52.1779

■ 40.3836, 45.3823,  
52.5309

■ 31.4337, 40.3810,  
52.0373

■ 44.4339, 47.6003,  
52.7455

■ 29.4301, 39.2196,  
51.9187

■ 49.0569, 50.1139,  
52.9871

■ 27.8667, 38.2856,  
51.8208

■ 54.2742, 52.9342,  
53.2564

■ 26.7085, 37.5609,  
51.7420

■ 60.1061, 56.0717,  
53.5547

■ 25.9156, 37.0249,  
51.6803

■ 66.5720, 59.5365,  
53.8827

■ 25.4394, 36.6525,  
51.6335

■ 67.7547, 60.2781,  
53.9635

■ 25.2416, 36.4719,  
51.6091

■ 67.8438, 60.4563,  
53.9932

■ 67.9332, 60.6350,  
54.0229

# Harmonies

## Analogous

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



36.6635, 43.4465, 45.0007



36.8820, 43.4465, 52.3411



38.2557, 43.4465, 58.9169

# Triad

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



36.8820, 43.4465, 52.3411



45.1714, 43.4465, 56.8048



42.1183, 43.4465, 34.8106

# Complementary

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



36.8820, 43.4465, 52.3411



34.4888, 31.5837, 29.4788

# 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.



44.4903, 43.4465, 37.3303



36.8820, 43.4465, 52.3411



46.3001, 43.4465, 49.6884

# Square

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



36.8820, 43.4465, 52.3411



43.0172, 43.4465, 61.6717



46.0458, 43.4465, 42.6044



39.6186, 43.4465, 35.3645



# Rectangle

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



36.8820, 43.4465, 52.3411



39.6741, 43.4465, 61.7427



46.0458, 43.4465, 42.6044



42.9586, 43.4465, 35.3155

# Sweetspot

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



36.8833, 43.4483, 52.3421



77.0509, 83.8691, 94.3320



33.1968, 42.3065, 31.9036



16.5165, 18.0290, 20.3310



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

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



36.8833, 43.4483, 52.3421



62.9122, 76.0615, 93.5701



32.7097, 35.1012, 50.9509



9.2488, 10.1747, 11.5559



17.1946, 24.8489, 35.1431



0.6117, 0.8871, 1.2407



# Inverse Universe

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



38.1853, 32.8258, 49.6728



65.6940, 53.4727, 87.8431



38.0439, 38.6939, 30.6638



9.3719, 9.1591, 11.3059



19.2927, 9.2909, 30.4920



0.6829, 0.3286, 1.0896



# Previews

## White Background



This preview shows how the XYZ color 36.8820, 43.4465, 52.3411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

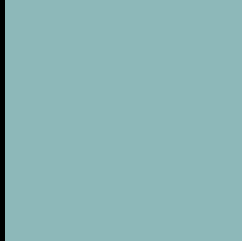
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 36.8820, 43.4465, 52.3411 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

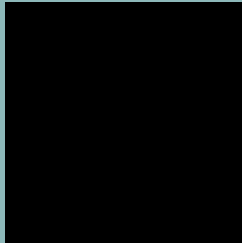
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 36.8820, 43.4465, 52.3411**

## **Background**



This preview shows how black text looks on a background with the XYZ color 36.8820, 43.4465, 52.3411.



This preview shows how white text looks on a background with the XYZ color 36.8820, 43.4465,



# 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

36.8820, 43.4465, 52.3411

### Protanopia

41.5981, 43.2617, 48.8057

### Deuteranopia

44.1335, 43.3215, 53.6127



## Tritanopia

38.1337, 43.3268, 59.1764

# Trichromacy



## Original Color

36.8820, 43.4465, 52.3411

## Protanomaly

39.5707, 43.0695, 49.9437

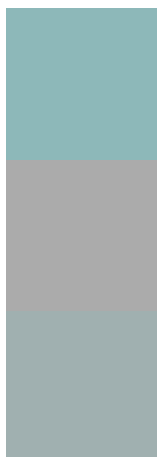
## Deuteranomaly

41.0725, 43.1846, 53.1844

## Tritanomaly

37.7145, 43.4680, 56.8545

# Monochromacy



## Original Color

36.8820, 43.4465, 52.3411

## Achromatopsia

38.7082, 40.7240, 44.3485

## Achromatomaly

37.8590, 41.6588, 47.1199

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 36.8820, 43.4465, 52.3411 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(141, 184, 185)` looks like.

```
.text, #text, p{  
    color:rgb(141, 184, 185)  
}
```

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(141, 184, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 184, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 36.8820, 43.4465, 52.3411 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(141, 184, 185) }
```



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

```
.border{ border-color:rgb(141, 184, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 184, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 184, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 184, 185);  
box-shadow:4px 4px 4px 4px rgb(141, 184,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 36.8820, 43.4465, 52.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 184, 185) }
```

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

```
.background{ background-color: rgb(141,  
184, 185) }
```

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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