

# Converting Colors

XYZ(39.5194, 45.3036, 62.2240)

Have a look what the booklet for  
XYZ(39.5194, 45.3036, 62.2240)  
contains.

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# Color

**XYZ(39.4292, 45.1745,  
61.8997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FBAC9
RGB	143, 186, 201
RGB Percent	56%, 73%, 79%
CMY	0.4392, 0.2706, 0.2118
CMYK	0.29, 0.07, 0.00, 0.21
HSL	196°, 35%, 67%
HSV	196°, 29%, 79%
XYZ	39.4292, 45.1745, 61.8997
YIQ	174.8530, -30.4430, -4.4510

# Conversions

## Conversions Part 2

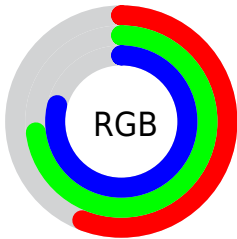
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 168, 201
Decimal	9419465
CIELab	73.01, -10.75, -12.22
CIELCh	73, 16.274, 228.676
Yxy	45.1745, 0.2691, 0.3084
Android (android.graphics.Color)	4287609545 (0xFF8FBAC9)
YUV	174.8530, 12.8905, -27.9351
Hunter-Lab	67.2120, -12.9058, -7.5555

# Details

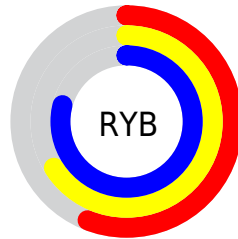
The XYZ color **39.4292, 45.1745, 61.8997** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2727, 38.8547, 31.3120**, and the grayscale version is **40.6194, 42.7348, 46.5381**.

A 20% lighter version of the original color is **73.0908, 82.7300, 106.7239**, and **17.9684, 21.1058, 30.7306** is the 20% darker color. If you saturate the color by 10%, you get **35.1816, 41.3898, 61.3938**, and if you desaturate by 10%, it is **44.3428, 49.3639, 62.4501**.

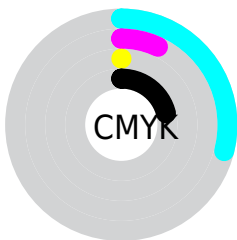
# Distribution



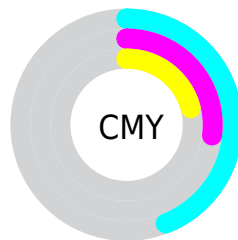
- Red (56%)
- Green (73%)
- Blue (79%)



- Red (56%)
- Yellow (66%)
- Blue (79%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (44%)
- Magenta (27%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4292, 45.1745, 61.8997 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 39.4292, 45.1745, 61.8997 by changing the saturation by 10% instead.



■ 39.4292, 45.1745,  
61.8997

■ 39.4292, 45.1745,  
61.8997

334.8877,  
367.4798, 449.5627

■ 27.2760, 31.5949,  
44.5164

■ 73.5834, 82.9822,  
109.1507

■ 17.9183, 21.0523,  
30.7365

■ 96.3151, 107.9791,  
139.8556

■ 10.9907, 13.1622,  
20.1415

123.3038,  
137.5505, 175.8380

■ 6.1278, 7.5403,  
12.3129

154.9146,  
172.0809, 217.5165

■ 2.9643, 3.8023,  
6.8320

191.5131,  
211.9547, 265.3097

■ 1.1349, 1.5636,  
3.2804

233.4645,

■ 0.0540, 0.3329,

257.5561, 319.6361

1.2395

281.1343,  
309.2697, 380.9142

■ 0.0000, 0.0000,  
0.0115

■ 0.0000, 0.0000,  
0.0000

■ 39.4292, 45.1745,  
61.8997

■ 39.4292, 45.1745,  
61.8997

■ 35.1816, 41.3898,  
61.3938

■ 44.3428, 49.3639,  
62.4501

■ 31.5623, 37.9863,  
60.9276

■ 49.9495, 53.9693,  
63.0435

■ 28.5357, 34.9463,  
60.5004

■ 56.2799, 59.0081,  
63.6825

■ 26.0610, 32.2481,  
60.1100

■ 63.3615, 64.4950,  
64.3683

■ 24.0918, 29.8670,  
59.7542

■ 71.2202, 70.4442,  
65.1024

■ 22.5737, 27.7745,  
59.4303

■ 76.6444, 75.2004,  
65.7346

■ 21.4175, 25.9237,  
59.1340

■ 78.0069, 77.9253,  
66.1887

■ 21.2942, 25.7200,  
59.1012

■ 79.4119, 80.7354,  
66.6571

■ 80.8600, 83.6315,  
67.1398

# Harmonies

## Analogous

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



37.9660, 45.1745, 54.3702



39.4292, 45.1745, 61.8997



41.8730, 45.1745, 66.1817

# Triad

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



39.4292, 45.1745, 61.8997



48.5205, 45.1745, 52.3244



41.2110, 45.1745, 35.8025

# Complementary

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



39.4292, 45.1745, 61.8997



41.2727, 38.8547, 31.3120

# 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.



44.0189, 45.1745, 35.3839



39.4292, 45.1745, 61.8997



48.3240, 45.1745, 44.3448

# Square

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



39.4292, 45.1745, 61.8997



47.1724, 45.1745, 60.2606



46.6469, 45.1745, 38.3468



38.9630, 45.1745, 39.5612



# Rectangle

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



39.4292, 45.1745, 61.8997



43.7665, 45.1745, 66.3349



46.6469, 45.1745, 38.3468



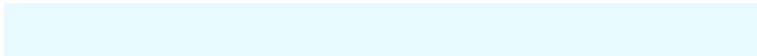
42.1181, 45.1745, 35.2832

# Sweetspot

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



39.4306, 45.1763, 61.9007



85.2409, 92.1760, 107.9068



38.3438, 50.0652, 39.7662



17.9266, 19.4713, 23.0634



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

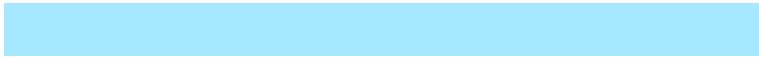


# Same Dimension

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



39.4306, 45.1763, 61.9007



62.5580, 72.9689, 105.3950



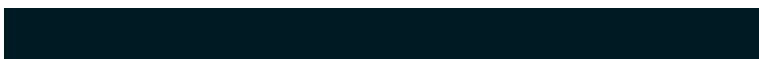
34.0130, 34.3412, 60.0949



10.7056, 11.5853, 13.5894



13.4660, 16.3260, 37.1859



0.6937, 0.8853, 1.7795



# Inverse Universe

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



42.7739, 35.6087, 51.0751



69.3851, 54.2634, 83.1022



46.7106, 49.7304, 33.1247



10.9614, 10.7680, 12.7802



18.5964, 9.1881, 18.8822

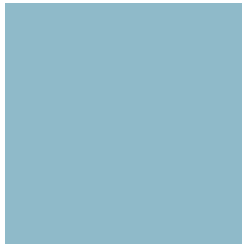


0.9089, 0.4464, 1.0432



# Previews

## White Background



This preview shows how the XYZ color 39.4292, 45.1745, 61.8997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

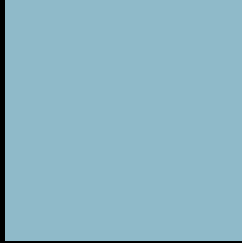
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.4292, 45.1745, 61.8997 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

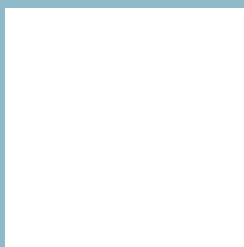
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 39.4292, 45.1745, 61.8997**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.4292, 45.1745, 61.8997.



This preview shows how white text looks on a background with the XYZ color 39.4292, 45.1745,



# 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

39.4292, 45.1745, 61.8997

### Protanopia

43.8174, 44.7769, 58.5579

### Deuteranopia

45.6827, 44.7742, 62.7345



## Tritanopia

39.4292, 45.1745, 61.8997

# Trichromacy



## Original Color

39.4292, 45.1745, 61.8997

## Protanomaly

42.0314, 44.7191, 59.8424

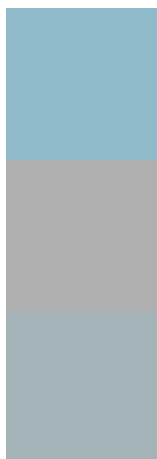
## Deuteranomaly

42.9433, 44.5401, 62.2109

## Tritanomaly

39.4292, 45.1745, 61.8997

# Monochromacy



## Original Color

39.4292, 45.1745, 61.8997

## Achromatopsia

40.7470, 42.8690, 46.6844

## Achromatomaly

39.8761, 43.4874, 51.6396

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.4292, 45.1745, 61.8997 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(143, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 201)  
}
```

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(143, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 39.4292, 45.1745, 61.8997 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(143, 186, 201) }
```



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

```
.border{ border-color:rgb(143, 186, 201) }
```

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

Here you see how a box with a 4 pixel rgb(143, 186, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.4292, 45.1745, 61.8997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 201) }
```

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

```
.background{ background-color: rgb(143,  
186, 201) }
```

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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