

Converting Colors

XYZ(39.6320, 43.2307, 54.6001)

Have a look what the booklet for
XYZ(39.6320, 43.2307, 54.6001)
contains.

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Color

**XYZ(39.6035, 43.2853,
54.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB3BD
RGB	159, 179, 189
RGB Percent	62%, 70%, 74%
CMY	0.3765, 0.2980, 0.2588
CMYK	0.16, 0.05, 0.00, 0.26
HSL	200°, 19%, 68%
HSV	200°, 16%, 74%
XYZ	39.6035, 43.2853, 54.4117
YIQ	174.1600, -15.1300, -1.1300

Conversions

Conversions Part 2

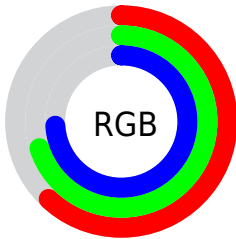
Format	Color
R _Y B	159, 171, 189
Decimal	10466237
CIE Lab	71.75, -4.77, -7.42
CIE LCh	72, 8.823, 237.254
Yxy	43.2853, 0.2884, 0.3153
Android (android.graphics.Color)	4288656317 (0xFF9FB3BD)
YUV	174.1600, 7.3161, -13.2953
Hunter-Lab	65.7916, -7.6864, -2.9806

Details

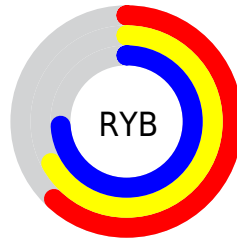
The XYZ color **39.6035, 43.2853, 54.4117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4325, 41.6978, 38.6665**, and the grayscale version is **40.2845, 42.3825, 46.1545**.

A 20% lighter version of the original color is **73.9213, 80.3054, 97.9906**, and **17.9682, 19.8251, 26.1722** is the 20% darker color. If you saturate the color by 10%, you get **34.9050, 39.0328, 53.8392**, and if you desaturate by 10%, it is **44.9353, 47.9522, 55.0322**.

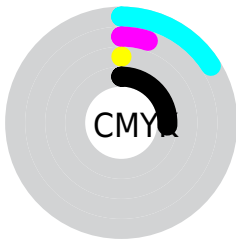
Distribution



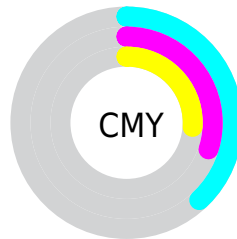
- Red (62%)
- Green (70%)
- Blue (74%)



- Red (62%)
- Yellow (67%)
- Blue (74%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6035, 43.2853, 54.4117 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 39.6035, 43.2853, 54.4117 by changing the saturation by 10% instead.

■ 39.6035, 43.2853,
54.4117

■ 39.6035, 43.2853,
54.4117

335.6127,
359.7837, 420.8969

■ 27.4124, 30.1090,
38.5355

■ 73.8475, 80.1412,
98.1410

■ 18.0214, 19.9214,
26.0935

■ 96.6312, 104.5896,
126.8311

■ 11.0651, 12.3379,
16.6672

123.6763,
133.5642, 160.6296

■ 6.1783, 6.9742,
9.8381

155.3484,
167.4494, 199.9551

■ 2.9955, 3.4460,
5.1875

192.0127,
206.6296, 245.2260

■ 1.1514, 1.3688,
2.2970

234.0346,

■ 0.0674, 0.1935,

251.4891, 296.8609

0.7296

281.7795,
302.4123, 355.2784

■ 0.0000, 0.0000,
0.0000

■ 39.6035, 43.2853,
54.4117

■ 39.6035, 43.2853,
54.4117

■ 34.9050, 39.0328,
53.8392

■ 44.9353, 47.9522,
55.0322

■ 30.8092, 35.1744,
53.3103

■ 50.9217, 53.0420,
55.6991

■ 27.2888, 31.6959,
52.8245

■ 57.5875, 58.5699,
56.4148

■ 24.3126, 28.5801,
52.3799

■ 64.9551, 64.5485,
57.1804

■ 21.8460, 25.8080,
51.9749

■ 73.0459, 70.9898,
57.9973

■ 19.8507, 23.3586,
51.6072

■ 75.1854, 74.4540,
58.5532

■ 18.2817, 21.2074,
51.2747

■ 76.8380, 77.7592,
59.1041

■ 17.0829, 19.3242,
50.9744

■ 78.5532, 81.1896,
59.6758

■ 16.6485, 18.6002,
50.8576

■ 80.3317, 84.7466,
60.2686

Harmonies

Analogous

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



38.6345, 43.2853, 51.0083



39.6035, 43.2853, 54.4117



41.0036, 43.2853, 55.8561

Triad

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



39.6035, 43.2853, 54.4117



44.0849, 43.2853, 47.5265



39.8369, 43.2853, 40.1732

Complementary

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



39.6035, 43.2853, 54.4117



41.4325, 41.6978, 38.6665

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.



41.2795, 43.2853, 39.3642



39.6035, 43.2853, 54.4117



43.7545, 43.2853, 43.4541

Square

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



39.6035, 43.2853, 54.4117



43.6109, 43.2853, 51.7329



42.7186, 43.2853, 40.5294



38.7669, 43.2853, 42.8091

Rectangle

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



39.6035, 43.2853, 54.4117



42.0013, 43.2853, 55.4521



42.7186, 43.2853, 40.5294



40.2932, 43.2853, 39.6858

Sweetspot

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



39.6048, 43.2871, 54.4127



81.2845, 86.5756, 98.6528



39.6110, 46.6127, 44.2007



17.3261, 18.4853, 21.1974



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.6048, 43.2871, 54.4127



67.9180, 74.8301, 97.0902



36.8493, 37.7761, 53.4942



9.5334, 10.2592, 12.1500



11.2740, 12.6597, 34.2423



0.4994, 0.6115, 1.3606

Inverse Universe

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



41.5221, 38.8707, 47.9643



72.0312, 65.5704, 83.2084



44.2818, 47.3964, 39.6162



9.7911, 9.6407, 11.2889



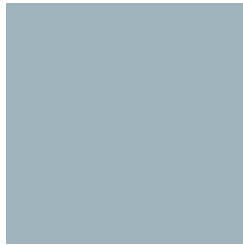
16.6913, 8.3077, 14.2001



0.6830, 0.3371, 0.7098

Previews

White Background



This preview shows how the XYZ color 39.6035, 43.2853, 54.4117 looks on a white background.

Color Contrast Check

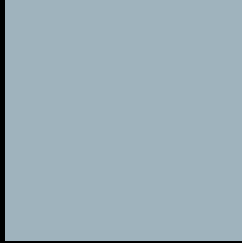
Large Text (above 18pt) WCAG AA × Fail

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 39.6035, 43.2853, 54.4117 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

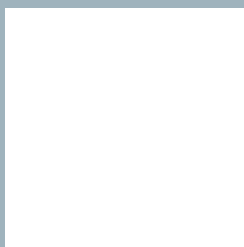
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6035, 43.2853, 54.4117

Background



This preview shows how black text looks on a background with the XYZ color 39.6035, 43.2853, 54.4117.



This preview shows how white text looks on a background with the XYZ color 39.6035, 43.2853,

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

39.6035, 43.2853, 54.4117

Protanopia

41.9035, 43.0474, 52.5548

Deuteranopia

44.2166, 43.3265, 55.3226



Tritanopia

40.0432, 43.1646, 56.6732

Trichromacy



Original Color

39.6035, 43.2853, 54.4117

Protanomaly

41.0725, 43.1846, 53.1844

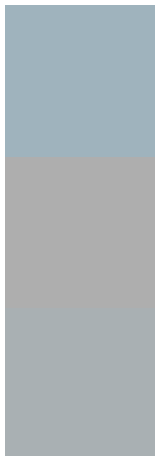
Deuteranomaly

42.3348, 43.2199, 54.8262

Tritanomaly

39.9320, 43.1201, 56.0875

Monochromacy



Original Color

39.6035, 43.2853, 54.4117

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0242, 42.7404, 48.7880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6035, 43.2853, 54.4117 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(159, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 189)  
}
```

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(159, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.6035, 43.2853, 54.4117 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(159, 179, 189) }
```


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

```
.border{ border-color:rgb(159, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6035, 43.2853, 54.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 189) }
```

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

```
.background{ background-color: rgb(159,  
179, 189) }
```

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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