

Converting Colors

XYZ(35.4824, 39.5836, 59.1963)

Have a look what the booklet for
XYZ(35.4824, 39.5836, 59.1963)
contains.

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Color

**XYZ(35.4824, 39.5836,
59.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	88AEC6
RGB	136, 174, 198
RGB Percent	53%, 68%, 78%
CMY	0.4667, 0.3176, 0.2235
CMYK	0.31, 0.12, 0.00, 0.22
HSL	203°, 35%, 65%
HSV	203°, 31%, 78%
XYZ	35.4824, 39.5836, 59.1963
YIQ	165.3740, -30.3520, -0.5920

Conversions

Conversions Part 2

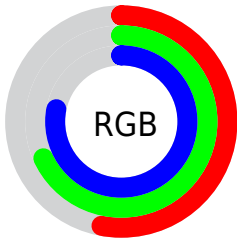
Format	Color
RYB	136, 160, 198
Decimal	8957638
CIELab	69.17, -7.10, -16.38
CIELCh	69, 17.857, 246.575
Yxy	39.5836, 0.2643, 0.2948
Android (android.graphics.Color)	4287147718 (0xFF88AEC6)
YUV	165.3740, 16.0846, -25.7610
Hunter-Lab	62.9155, -9.4336, -11.7443

Details

The XYZ color **35.4824, 39.5836, 59.1963** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3039, 38.9251, 28.6825**, and the grayscale version is **35.8803, 37.7489, 41.1085**.

A 20% lighter version of the original color is **67.5552, 74.3350, 105.3953**, and **15.6497, 17.8175, 28.9998** is the 20% darker color. If you saturate the color by 10%, you get **31.1206, 35.2002, 58.5808**, and if you desaturate by 10%, it is **40.5252, 44.4453, 59.8696**.

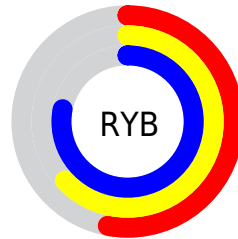
Distribution



Red (53%)

Green (68%)

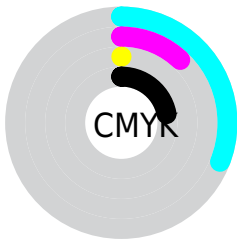
Blue (78%)



Red (53%)

Yellow (63%)

Blue (78%)

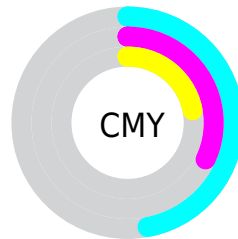


Cyan (31%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (47%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4824, 39.5836, 59.1963 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 35.4824, 39.5836, 59.1963 by changing the saturation by 10% instead.

■ 35.4824, 39.5836,
59.1963

■ 35.4824, 39.5836,
59.1963

318.1634,
344.3654, 439.3511

■ 24.2030, 27.2140,
42.3501

■ 67.5615, 74.5290,
105.1948

■ 15.6098, 17.7340,
29.0479

■ 89.0919, 97.8737,
135.1843

■ 9.3376, 10.7592,
18.8712

■ 114.7700,
125.6454, 170.3919

■ 5.0209, 5.9052,
11.4014

144.9612,
158.2288, 211.2361

■ 2.2944, 2.7875,
6.2199

180.0307,
196.0080, 258.1357

■ 0.7918, 1.0218,
2.9083

220.3440,

■ 0.0000, 0.0000,

239.3676, 311.5090

1.0480

266.2665,
288.6919, 371.7746

■ 0.0000, 0.0000,
0.0000

■ 35.4824, 39.5836,
59.1963

■ 35.4824, 39.5836,
59.1963

■ 31.1206, 35.2002,
58.5808

■ 40.5252, 44.4453,
59.8696

■ 27.4019, 31.2708,
58.0183

■ 46.2769, 49.7990,
60.5998

■ 24.2902, 27.7755,
57.5077

■ 52.7682, 55.6635,
61.3896

■ 21.7440, 24.6908,
57.0465

■ 60.0270, 62.0548,
62.2407

■ 19.7159, 21.9900,
56.6321

■ 68.0794, 68.9886,
63.1547

■ 18.1497, 19.6418,
56.2614

■ 76.9505, 76.4796,
64.1330

■ 17.0746, 17.8401,
55.9703

■ 79.0807, 80.6323,
64.8223

■ 81.2318, 84.9344,
65.5393

■ 83.4774, 89.4258,
66.2879

Harmonies

Analogous

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



33.3841, 39.5836, 53.1638



35.4824, 39.5836, 59.1963



38.2551, 39.5836, 60.6820

Triad

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



35.4824, 39.5836, 59.1963



43.3446, 39.5836, 41.3246



34.4456, 39.5836, 31.6660

Complementary

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



35.4824, 39.5836, 59.1963



40.3039, 38.9251, 28.6825

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.



36.9979, 39.5836, 29.2913



35.4824, 39.5836, 59.1963



42.2064, 39.5836, 34.3935

Square

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



35.4824, 39.5836, 59.1963



42.8887, 39.5836, 49.6575



39.8481, 39.5836, 30.2228



32.8070, 39.5836, 37.1464

Rectangle

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



35.4824, 39.5836, 59.1963



40.1328, 39.5836, 58.7462



39.8481, 39.5836, 30.2228



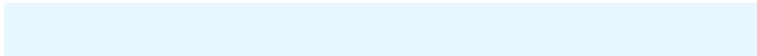
35.2201, 39.5836, 30.5119

Sweetspot

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



35.4836, 39.5852, 59.1972



84.3363, 90.3668, 107.6053



36.6730, 48.1530, 40.5132



17.7031, 19.0243, 22.9890



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.



35.4836, 39.5852, 59.1972



57.1105, 64.3797, 104.0242



30.2048, 29.0274, 57.4376



10.5887, 11.3515, 13.5505



11.1889, 11.7718, 36.4268



0.5985, 0.6949, 1.7477

Inverse Universe

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



39.7338, 32.6710, 44.2581



66.0726, 50.7833, 72.3024



46.3133, 50.9440, 30.6856



10.9024, 10.7444, 12.4694



17.4470, 8.7284, 12.8296



0.8608, 0.4272, 0.7902

Previews

White Background



This preview shows how the XYZ color 35.4824, 39.5836, 59.1963 looks on a white background.

Color Contrast Check

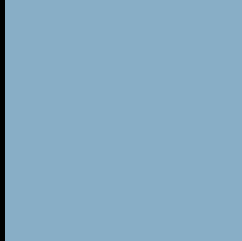
Large Text (above 18pt) WCAG AA × Fail

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 35.4824, 39.5836, 59.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

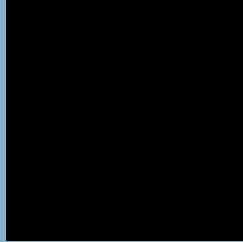
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4824, 39.5836, 59.1963

Background



This preview shows how black text looks on a background with the XYZ color 35.4824, 39.5836, 59.1963.



This preview shows how white text looks on a background with the XYZ color 35.4824, 39.5836,

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

35.4824, 39.5836, 59.1963

Protanopia

38.7542, 39.3802, 56.0106

Deuteranopia

40.2426, 39.5154, 60.1498



Tritanopia

34.3468, 39.4024, 53.9393

Trichromacy



Original Color

35.4824, 39.5836, 59.1963

Protanomaly

37.5515, 39.5596, 57.2864

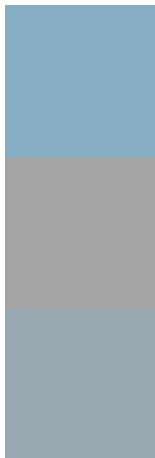
Deuteranomaly

38.2161, 39.2969, 59.6037

Tritanomaly

34.8361, 39.6166, 55.6799

Monochromacy



Original Color

35.4824, 39.5836, 59.1963

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2649, 38.0496, 47.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4824, 39.5836, 59.1963 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(136, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(136, 174, 198)  
}
```

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(136, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 35.4824, 39.5836, 59.1963 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(136, 174, 198) }
```


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

```
.border{ border-color:rgb(136, 174, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(136, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4824, 39.5836, 59.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 174, 198) }
```

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

```
.background{ background-color: rgb(136,  
174, 198) }
```

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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