

Converting Colors

XYZ(35.5249, 39.5299, 50.3153)

Have a look what the booklet for
XYZ(35.5249, 39.5299, 50.3153)
contains.

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Color

**XYZ(35.5234, 39.5091,
50.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	93ADB7
RGB	147, 173, 183
RGB Percent	58%, 68%, 72%
CMY	0.4235, 0.3216, 0.2823
CMYK	0.20, 0.05, 0.00, 0.28
HSL	197°, 20%, 65%
HSV	197°, 20%, 72%
XYZ	35.5234, 39.5091, 50.5535
YIQ	166.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

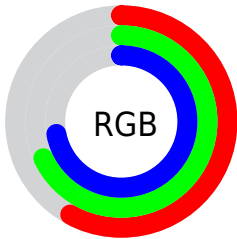
Format	Color
R_{YB}	147, 162, 183
Decimal	9678263
CIE _{Lab}	69.12, -6.73, -8.11
CIE _{LCh}	69, 10.540, 230.318
Yxy	39.5091, 0.2829, 0.3146
Android (android.graphics.Color)	4287868343 (0xFF93ADB7)
YUV	166.3660, 8.2006, -16.9840
Hunter-Lab	62.8563, -9.1187, -3.6859

Details

The XYZ color **35.5234, 39.5091, 50.5535** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8521, 36.2877, 32.6663**, and the grayscale version is **36.3915, 38.2867, 41.6942**.

A 20% lighter version of the original color is **67.4108, 74.1363, 92.4182**, and **15.6905, 17.7732, 23.7227** is the 20% darker color. If you saturate the color by 10%, you get **31.5435, 36.0391, 50.0941**, and if you desaturate by 10%, it is **40.0647, 43.3257, 51.0515**.

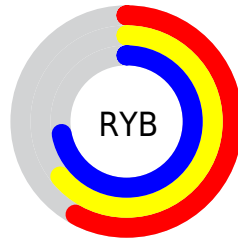
Distribution



Red (58%)

Green (68%)

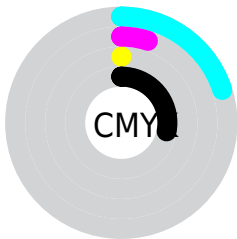
Blue (72%)



Red (58%)

Yellow (64%)

Blue (72%)

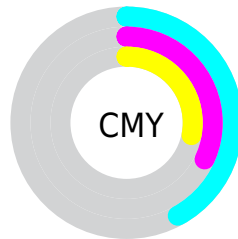


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5234, 39.5091, 50.5535 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 35.5234, 39.5091, 50.5535 by changing the saturation by 10% instead.

■ 35.5234, 39.5091,
50.5535

■ 35.5234, 39.5091,
50.5535

318.3403,
344.0501, 405.6234

■ 24.2347, 27.1560,
35.4791

■ 67.6245, 74.4154,
92.3992

■ 15.6335, 17.6904,
23.7457

■ 89.1677, 97.7374,
120.0075

■ 9.3544, 10.7280,
14.9346

114.8597,
125.4845, 152.6310

■ 5.0320, 5.8842,
8.6274

145.0659,
158.0411, 190.6881

■ 2.3010, 2.7748,
4.4055

180.1517,
195.7915, 234.5973

■ 0.7952, 1.0153,
1.8503

220.4825,

■ 0.0000, 0.0000,

239.1203, 284.7773

0.4608

266.4236,
288.4117, 341.6465

■ 0.0000, 0.0000,
0.0000

■ 35.5234, 39.5091,
50.5535

■ 35.5234, 39.5091,
50.5535

■ 31.5435, 36.0391,
50.0941

■ 40.0647, 43.3257,
51.0515

■ 28.0965, 32.8972,
49.6693

■ 45.1874, 47.4965,
51.5865

■ 25.1566, 30.0705,
49.2787

■ 50.9147, 52.0352,
52.1607

■ 22.6943, 27.5432,
48.9207

■ 57.2673, 56.9532,
52.7752

■ 20.6767, 25.2978,
48.5936

■ 64.2651, 62.2610,
53.4309

■ 19.0667, 23.3144,
48.2956

■ 71.2608, 67.6257,
54.0976

■ 17.8207, 21.5699,
48.0246

■ 72.4846, 70.0734,
54.5056

■ 16.8532, 20.0195,
47.7763

■ 73.7482, 72.6006,
54.9268

■ 16.8230, 19.9703,
47.7684

■ 75.0519, 75.2080,
55.3613

Harmonies

Analogous

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



34.5982, 39.5091, 46.3181



35.5234, 39.5091, 50.5535



37.0106, 39.5091, 52.8175

Triad

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



35.5234, 39.5091, 50.5535



40.8337, 39.5091, 44.5963



36.4396, 39.5091, 34.8990

Complementary

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



35.5234, 39.5091, 50.5535



36.8521, 36.2877, 32.6663

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.



38.0991, 39.5091, 34.5136



35.5234, 39.5091, 50.5535



40.6697, 39.5091, 39.8798

Square

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



35.5234, 39.5091, 50.5535



40.0984, 39.5091, 49.2125



39.6568, 39.5091, 36.2724



35.1161, 39.5091, 37.3677

Rectangle

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



35.5234, 39.5091, 50.5535



38.1349, 39.5091, 52.7970



39.6568, 39.5091, 36.2724



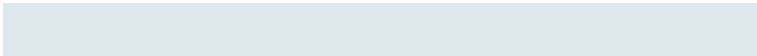
36.9755, 39.5091, 34.5290

Sweetspot

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



35.5246, 39.5107, 50.5544



74.9102, 80.1889, 91.7655



35.0185, 42.4914, 38.0762



16.4168, 17.6060, 20.2547



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.



35.5246, 39.5107, 50.5544



60.1322, 67.7493, 90.1433



32.3686, 33.1987, 49.5024



9.0501, 9.7775, 11.4897



11.7958, 14.0513, 33.3435



0.4650, 0.5936, 1.1918

Inverse Universe

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



37.5059, 33.9526, 44.1138



64.4407, 56.0062, 76.0609



40.0478, 42.6790, 33.7316



9.2717, 9.1190, 10.7779



16.5677, 8.2008, 16.1419



0.6089, 0.2990, 0.6997

Previews

White Background



This preview shows how the XYZ color 35.5234, 39.5091, 50.5535 looks on a white background.

Color Contrast Check

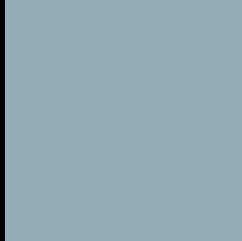
Large Text (above 18pt) WCAG AA × Fail

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 35.5234, 39.5091, 50.5535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

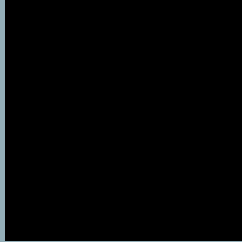
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5234, 39.5091, 50.5535

Background



This preview shows how black text looks on a background with the XYZ color 35.5234, 39.5091, 50.5535.

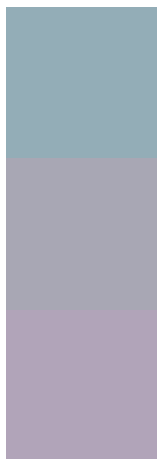


This preview shows how white text looks on a background with the XYZ color 35.5234, 39.5091,

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

35.5234, 39.5091, 50.5535

Protanopia

38.2054, 39.2576, 48.7438

Deuteranopia

40.1639, 39.4008, 51.3872



Tritanopia

35.8282, 39.3461, 52.1606

Trichromacy



Original Color

35.5234, 39.5091, 50.5535

Protanomaly

37.0257, 39.1857, 49.3282

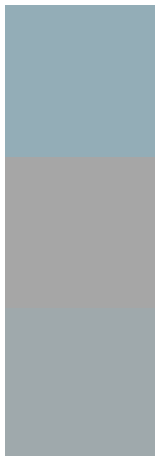
Deuteranomaly

38.1963, 39.2051, 50.9016

Tritanomaly

35.7222, 39.3037, 51.6026

Monochromacy



Original Color

35.5234, 39.5091, 50.5535

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.9324, 38.7254, 44.6106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5234, 39.5091, 50.5535 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(147, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(147, 173, 183)  
}
```

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(147, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 173, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.5234, 39.5091, 50.5535 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(147, 173, 183) }
```


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

```
.border{ border-color:rgb(147, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(147, 173,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5234, 39.5091, 50.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 173, 183) }
```

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

```
.background{ background-color: rgb(147,  
173, 183) }
```

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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