

Converting Colors

XYZ(35.7049, 39.3649, 44.5292)

Have a look what the booklet for
XYZ(35.7049, 39.3649, 44.5292)
contains.

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Color

**XYZ(35.7165, 39.4522,
44.7623)**

Conversions

Conversions Part 1

Format	Color
Hex	9BACAC
RGB	155, 172, 172
RGB Percent	61%, 67%, 67%
CMY	0.3922, 0.3255, 0.3255
CMYK	0.10, 0.00, 0.00, 0.33
HSL	180°, 9%, 64%
HSV	180°, 10%, 67%
XYZ	35.7165, 39.4522, 44.7623
YIQ	166.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

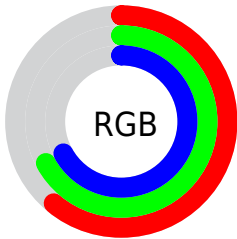
Format	Color
RYB	155, 164, 172
Decimal	10202284
CIELab	69.08, -5.90, -2.03
CIELCh	69, 6.241, 198.954
Yxy	39.4522, 0.2978, 0.3290
Android (android.graphics.Color)	4288392364 (0xFF9BACAC)
YUV	166.9170, 2.5059, -10.4512
Hunter-Lab	62.8110, -8.4180, 1.7146

Details

The XYZ color **35.7165, 39.4522, 44.7623** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6525, 34.5810, 35.8606**, and the grayscale version is **36.6828, 38.5932, 42.0280**.

A 20% lighter version of the original color is **67.9126, 74.1859, 83.4130**, and **15.8156, 17.7321, 20.3584** is the 20% darker color. If you saturate the color by 10%, you get **32.6479, 37.8714, 44.6181**, and if you desaturate by 10%, it is **39.2576, 41.2788, 44.9302**.

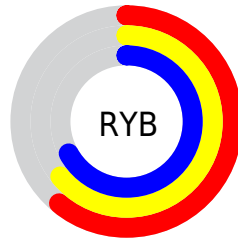
Distribution



Red (61%)

Green (67%)

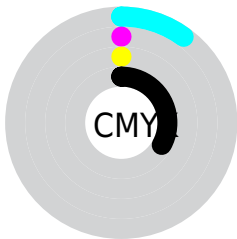
Blue (67%)



Red (61%)

Yellow (64%)

Blue (67%)

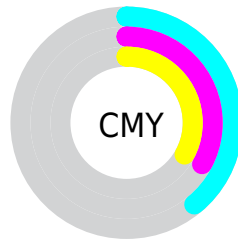


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7165, 39.4522, 44.7623 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 35.7165, 39.4522, 44.7623 by changing the saturation by 10% instead.

■ 35.7165, 39.4522,
44.7623

■ 35.7165, 39.4522,
44.7623

319.1726,
343.8092, 381.9420

■ 24.3844, 27.1117,
30.9287

■ 67.9210, 74.3286,
83.6783

■ 15.7453, 17.6571,
20.2865

■ 89.5241, 97.6333,
109.5977

■ 9.4338, 10.7041,
12.4173

115.2817,
125.3615, 140.3827

■ 5.0846, 5.8682,
6.9026

145.5589,
157.8977, 176.4520

■ 2.3322, 2.7651,
3.3237

180.7213,
195.6261, 218.2241

■ 0.8111, 1.0104,
1.2622

221.1341,

■ 0.0000, 0.0000,

238.9313, 266.1174

0.0305

267.1628,
288.1975, 320.5505

■ 0.0000, 0.0000,
0.0000

■ 35.7165, 39.4522,
44.7623

■ 35.7165, 39.4522,
44.7623

■ 32.6479, 37.8714,
44.6181

■ 39.2576, 41.2788,
44.9302

■ 30.0286, 36.5211,
44.4942

■ 43.2865, 43.3557,
45.1201

■ 27.8385, 35.3921,
44.3903

■ 47.8218, 45.6937,
45.3338

■ 26.0549, 34.4727,
44.3055

■ 52.8803, 48.3014,
45.5719

■ 24.6527, 33.7498,
44.2385

■ 58.4779, 51.1871,
45.8352

■ 23.6041, 33.2093,
44.1880

■ 63.4414, 53.7458,
46.0689

■ 22.8775, 32.8348,
44.1526

■ 63.4416, 53.7459,
46.0703

■ 22.4360, 32.6072,
44.1306

■ 63.4419, 53.7460,
46.0717

■ 22.1999, 32.4855,
44.1182

■ 63.4422, 53.7461,
46.0730

Harmonies

Analogous

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



35.6504, 39.4522, 41.9148



35.7165, 39.4522, 44.7623



36.2550, 39.4522, 47.2258

Triad

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



35.7165, 39.4522, 44.7623



38.9606, 39.4522, 46.6586



37.8661, 39.4522, 37.7971

Complementary

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



35.7165, 39.4522, 44.7623



34.6525, 34.5810, 35.8606

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.



38.7694, 39.4522, 38.9530



35.7165, 39.4522, 44.7623



39.4086, 39.4522, 44.0158

Square

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



35.7165, 39.4522, 44.7623



38.1234, 39.4522, 48.3537



39.3380, 39.4522, 41.2004



36.8797, 39.4522, 37.9771

Rectangle

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



35.7165, 39.4522, 44.7623



36.8148, 39.4522, 48.2796



39.3380, 39.4522, 41.2004



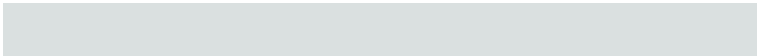
38.1898, 39.4522, 38.0402

Sweetspot

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



35.7176, 39.4539, 44.7632



69.0863, 73.7844, 81.4056



34.2421, 38.8699, 36.7089



14.9014, 15.9769, 17.6859



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.7176, 39.4539, 44.7632



63.4213, 70.8640, 81.1382



34.2018, 36.4218, 44.2592



8.2363, 9.0721, 10.2694



16.5177, 24.1723, 32.8295



0.4595, 0.6725, 0.9134

Inverse Universe

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



34.6525, 34.5810, 35.8606



61.0709, 60.1116, 61.4938



36.0668, 37.4100, 36.3309



8.0053, 8.0154, 8.3388



12.6608, 6.5269, 0.5932



0.3522, 0.1816, 0.0166

Previews

White Background



This preview shows how the XYZ color 35.7165, 39.4522, 44.7623 looks on a white background.

Color Contrast Check

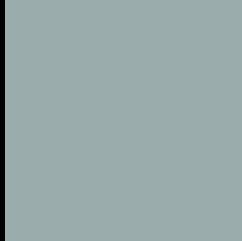
Large Text (above 18pt) WCAG AA × Fail

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 35.7165, 39.4522, 44.7623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

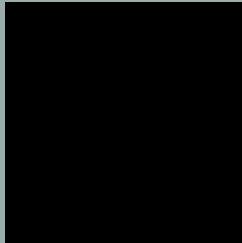
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

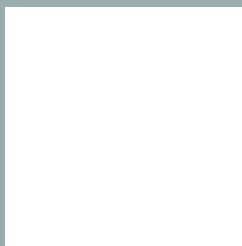
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.7165, 39.4522, 44.7623

Background



This preview shows how black text looks on a background with the XYZ color 35.7165, 39.4522, 44.7623.

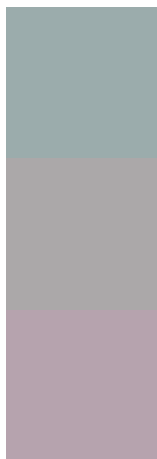


This preview shows how white text looks on a background with the XYZ color 35.7165, 39.4522,

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

35.7165, 39.4522, 44.7623

Protanopia

37.9587, 39.5278, 43.1651

Deuteranopia

40.0286, 39.1955, 45.5001



Tritanopia

36.9311, 39.3782, 51.0017

Trichromacy



Original Color

35.7165, 39.4522, 44.7623

Protanomaly

36.9607, 39.2775, 43.6635

Deuteranomaly

38.1923, 39.0602, 45.0616

Tritanomaly

36.5114, 39.4890, 48.8778

Monochromacy



Original Color

35.7165, 39.4522, 44.7623

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.4537, 39.0270, 43.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7165, 39.4522, 44.7623 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(155, 172, 172)` looks like.

```
.text, #text, p{  
    color:rgb(155, 172, 172)  
}
```

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(155, 172, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 172, 172) }
```

Border

The CSS property to change the border of an element to XYZ 35.7165, 39.4522, 44.7623 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(155, 172, 172) }
```


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

```
.border{ border-color:rgb(155, 172, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 172, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 172, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 172, 172);  
box-shadow:4px 4px 4px 4px rgb(155, 172,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7165, 39.4522, 44.7623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 172, 172) }
```

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

```
.background{ background-color: rgb(155,  
172, 172) }
```

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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