

Converting Colors

XYZ(39.5145, 39.5737, 66.8336)

Have a look what the booklet for
XYZ(39.5145, 39.5737, 66.8336)
contains.

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Color

**XYZ(39.3562, 39.4587,
66.5148)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA7D2
RGB	157, 167, 210
RGB Percent	62%, 65%, 82%
CMY	0.3843, 0.3451, 0.1765
CMYK	0.25, 0.20, 0.00, 0.18
HSL	229°, 37%, 72%
HSV	229°, 25%, 82%
XYZ	39.3562, 39.4587, 66.5148
YIQ	168.9120, -19.7630, 11.2530

Conversions

Conversions Part 2

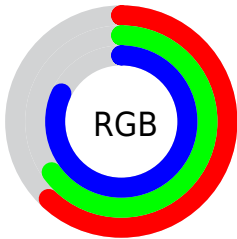
Format	Color
RYB	157, 165, 210
Decimal	10332114
CIELab	69.08, 5.94, -23.01
CIELCh	69, 23.761, 284.476
Yxy	39.4587, 0.2708, 0.2715
Android (android.graphics.Color)	4288522194 (0xFF9DA7D2)
YUV	168.9120, 20.2564, -10.4468
Hunter-Lab	62.8162, 1.9073, -18.8097

Details

The XYZ color **39.3562, 39.4587, 66.5148** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.3189, 57.4447, 40.1771**, and the grayscale version is **37.5797, 39.5367, 43.0555**.

A 20% lighter version of the original color is **71.3227, 73.4596, 105.0278**, and **17.8728, 17.6313, 33.4715** is the 20% darker color. If you saturate the color by 10%, you get **32.6877, 31.6896, 65.3673**, and if you desaturate by 10%, it is **47.1426, 48.4164, 67.8341**.

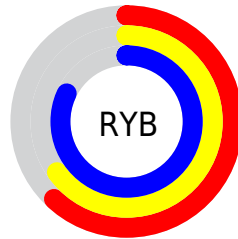
Distribution



Red (62%)

Green (65%)

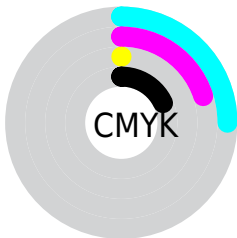
Blue (82%)



Red (62%)

Yellow (65%)

Blue (82%)

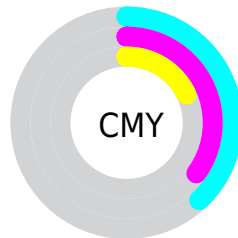


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (38%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3562, 39.4587, 66.5148 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 39.3562, 39.4587, 66.5148 by changing the saturation by 10% instead.

■ 39.3562, 39.4587,
66.5148

■ 39.3562, 39.4587,
66.5148

334.5837,
343.8368, 466.6701

■ 27.2189, 27.1168,
48.2313

■ 73.4727, 74.3385,
115.8589

■ 17.8751, 17.6609,
33.6488

■ 96.1827, 97.6452,
147.7566

■ 10.9595, 10.7068,
22.3488

123.1476,
125.3756, 185.0295

■ 6.1067, 5.8701,
13.9126

154.7328,
157.9141, 228.0961

■ 2.9514, 2.7662,
7.9219

191.3037,
195.6450, 277.3749

■ 1.1281, 1.0109,
3.9579

233.2255,

■ 0.0484, 0.0000,

238.9529, 333.2845

1.6023

280.8637,
288.2220, 396.2434

■ 0.0000, 0.0000,
0.2925

■ 0.0000, 0.0000,
0.0000

■ 39.3562, 39.4587,
66.5148

■ 39.3562, 39.4587,
66.5148

■ 32.6877, 31.6896,
65.3673

■ 47.1426, 48.4164,
67.8341

■ 27.0813, 25.0538,
64.3820

■ 56.0917, 58.6054,
69.3291

■ 22.4822, 19.4988,
63.5522

■ 66.2504, 70.0719,
71.0069

■ 18.8289, 14.9659,
62.8698

■ 77.6616, 82.8586,
72.8736

■ 16.0528, 11.3904,
62.3260

■ 87.7431, 95.6533,
74.8119

■ 14.0758, 8.6999,
61.9108

■ 88.6330, 97.4332,
75.1085

■ 12.8046, 6.8107,
61.6132

■ 12.3793, 6.1458,
61.5073

Harmonies

Analogous

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



35.5868, 39.4587, 66.3825



39.3562, 39.4587, 66.5148



42.8470, 39.4587, 59.6492

Triad

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



39.3562, 39.4587, 66.5148



42.9502, 39.4587, 29.9340



30.9098, 39.4587, 37.6147

Complementary

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



39.3562, 39.4587, 66.5148



53.3189, 57.4447, 40.1771

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.



32.6253, 39.4587, 29.7221



39.3562, 39.4587, 66.5148



39.4895, 39.4587, 25.8241

Square

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



39.3562, 39.4587, 66.5148



45.0148, 39.4587, 37.9536



35.7114, 39.4587, 25.7537



30.8794, 39.4587, 48.3967

Rectangle

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



39.3562, 39.4587, 66.5148



44.4748, 39.4587, 52.6024



35.7114, 39.4587, 25.7537



31.3031, 39.4587, 34.5810

Sweetspot

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



39.3575, 39.4603, 66.5157



82.8846, 86.2254, 106.8824



47.3074, 57.4043, 62.8642



17.2803, 17.9323, 22.8004



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.



39.3575, 39.4603, 66.5157



55.5809, 54.8559, 102.2666



40.9023, 37.6410, 66.0831



11.3416, 11.7735, 14.9184



7.6059, 3.8584, 37.5364



0.4803, 0.3258, 2.1171

Inverse Universe

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



45.6114, 40.6067, 41.9948



66.8786, 57.1475, 57.9203



51.4071, 60.0109, 40.7732



11.8986, 11.8442, 12.7418



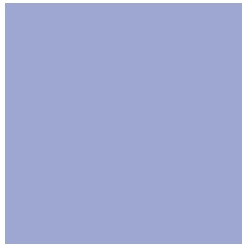
16.4698, 8.4608, 2.1144



0.9487, 0.4842, 0.2645

Previews

White Background



This preview shows how the XYZ color 39.3562, 39.4587, 66.5148 looks on a white background.

Color Contrast Check

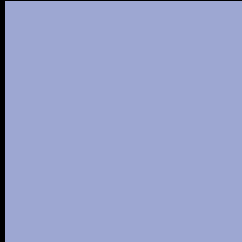
Large Text (above 18pt) WCAG AA × Fail

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 39.3562, 39.4587, 66.5148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

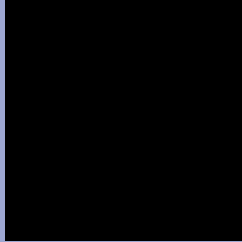
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3562, 39.4587, 66.5148

Background



This preview shows how black text looks on a background with the XYZ color 39.3562, 39.4587, 66.5148.



This preview shows how white text looks on a background with the XYZ color 39.3562, 39.4587,

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

39.3562, 39.4587, 66.5148

Protanopia

39.5521, 39.5597, 66.5239

Deuteranopia

40.1922, 39.3499, 66.4497



Tritanopia

36.2688, 39.3040, 51.5738

Trichromacy



Original Color

39.3562, 39.4587, 66.5148

Protanomaly

39.5521, 39.5597, 66.5239

Deuteranomaly

39.9670, 39.5026, 66.4911

Tritanomaly

37.4388, 39.5145, 56.6928

Monochromacy



Original Color

39.3562, 39.4587, 66.5148

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.1714, 39.4653, 50.9531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3562, 39.4587, 66.5148 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(157, 167, 210)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 210)  
}
```

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(157, 167, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 210) }
```

Border

The CSS property to change the border of an element to XYZ 39.3562, 39.4587, 66.5148 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(157, 167, 210) }
```


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

```
.border{ border-color:rgb(157, 167, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 167, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 167, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 167, 210);  
box-shadow:4px 4px 4px 4px rgb(157, 167,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3562, 39.4587, 66.5148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 210) }
```

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

```
.background{ background-color: rgb(157,  
167, 210) }
```

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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