

Converting Colors

XYZ(36.9050, 39.9602, 53.6855)

Have a look what the booklet for
XYZ(36.9050, 39.9602, 53.6855)
contains.

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Color

**XYZ(36.8867, 39.8546,
53.8927)**

Conversions

Conversions Part 1

Format	Color
Hex	98ACBD
RGB	152, 172, 189
RGB Percent	60%, 67%, 74%
CMY	0.4039, 0.3255, 0.2588
CMYK	0.20, 0.09, 0.00, 0.26
HSL	208°, 22%, 67%
HSV	208°, 20%, 74%
XYZ	36.8867, 39.8546, 53.8927
YIQ	167.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

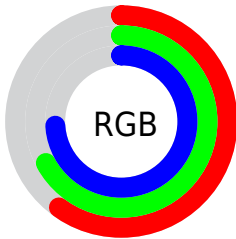
Format	Color
R _{YB}	152, 165, 189
Decimal	10005693
CIE Lab	69.37, -3.25, -11.02
CIE LCh	69, 11.491, 253.588
Yxy	39.8546, 0.2824, 0.3051
Android (android.graphics.Color)	4288195773 (0xFF98ACBD)
YUV	167.9580, 10.3737, -13.9952
Hunter-Lab	63.1305, -6.1821, -6.4228

Details

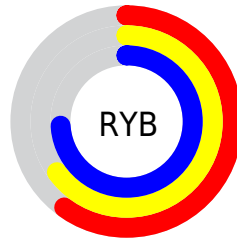
The XYZ color **36.8867, 39.8546, 53.8927** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8420, 41.4616, 35.5568**, and the grayscale version is **37.1566, 39.0917, 42.5708**.

A 20% lighter version of the original color is **69.6826, 74.7961, 97.1506**, and **16.4159, 17.9198, 25.8862** is the 20% darker color. If you saturate the color by 10%, you get **32.0286, 34.9776, 53.2080**, and if you desaturate by 10%, it is **42.4188, 45.2414, 54.6415**.

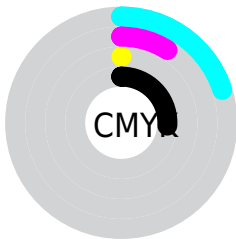
Distribution



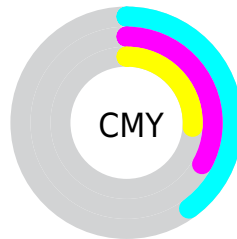
- Red (60%)
- Green (67%)
- Blue (74%)



- Red (60%)
- Yellow (65%)
- Blue (74%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8867, 39.8546, 53.8927 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 36.8867, 39.8546, 53.8927 by changing the saturation by 10% instead.

■ 36.8867, 39.8546,
53.8927

■ 36.8867, 39.8546,
53.8927

324.1838,
345.5104, 418.8638

■ 25.2931, 27.4252,
38.1233

■ 69.7135, 74.9421,
97.3715

■ 16.4254, 17.8928,
25.7758

■ 91.6773, 98.3689,
125.9180

■ 9.9184, 10.8731,
16.4317

117.8285,
126.2303, 159.5605

■ 5.4068, 5.9815,
9.6725

148.5326,
158.9108, 198.7177

■ 2.5250, 2.8339,
5.0796

184.1548,
196.7946, 243.8081

■ 0.9079, 1.0456,
2.2345

225.0605,

■ 0.0000, 0.0000,

240.2662, 295.2502

0.6942

271.6150,
289.7100, 353.4626

■ 0.0000, 0.0000,
0.0000

■ 36.8867, 39.8546,
53.8927

■ 36.8867, 39.8546,
53.8927

■ 32.0286, 34.9776,
53.2080

■ 42.4188, 45.2414,
54.6415

■ 27.8124, 30.5877,
52.5829

■ 48.6483, 51.1500,
55.4537

■ 24.2082, 26.6674,
52.0162

■ 55.6016, 57.5979,
56.3318

■ 21.1825, 23.1963,
51.5057

■ 63.3028, 64.6002,
57.2774

■ 18.6979, 20.1517,
51.0490

■ 71.7746, 72.1714,
58.2923

■ 16.7125, 17.5086,
50.6434

■ 77.1078, 78.2990,
59.1940

■ 15.1769, 15.2379,
50.2861

■ 79.5027, 83.0887,
59.9923

■ 14.0004, 13.2891,
49.9719

■ 82.0185, 88.1203,
60.8309

■ 13.9540, 13.2113,
49.9594

■ 84.6569, 93.3970,
61.7103

Harmonies

Analogous

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



35.3678, 39.8546, 50.7863



36.8867, 39.8546, 53.8927



38.7205, 39.8546, 54.0427

Triad

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



36.8867, 39.8546, 53.8927



41.4359, 39.8546, 41.0507



35.4861, 39.8546, 36.4416

Complementary

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



36.8867, 39.8546, 53.8927



40.8420, 41.4616, 35.5568

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.



37.0530, 39.8546, 34.2465



36.8867, 39.8546, 53.8927



40.5097, 39.8546, 36.7579

Square

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



36.8867, 39.8546, 53.8927



41.3878, 39.8546, 46.3304



38.8922, 39.8546, 34.3573



34.5773, 39.8546, 40.5860

Rectangle

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



36.8867, 39.8546, 53.8927



39.8780, 39.8546, 52.4242



38.8922, 39.8546, 34.3573



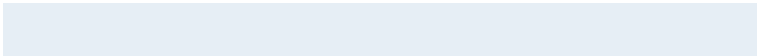
35.9511, 39.8546, 35.4669

Sweetspot

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



36.8879, 39.8562, 53.8936



79.7098, 84.6015, 98.3548



38.2758, 45.9228, 44.2114



16.9885, 18.0476, 21.1307



90.7827, 95.5105, 104.0109



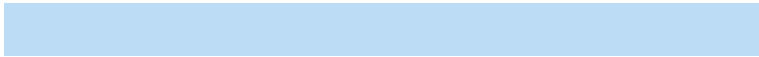
18.6292, 19.5994, 21.3438

Same Dimension

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



36.8879, 39.8562, 53.8936



62.6267, 67.9635, 96.0437



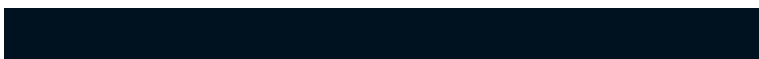
33.6658, 33.4120, 52.8196



9.4322, 10.0567, 12.1162



9.4658, 9.0433, 33.6395



0.4355, 0.4837, 1.3393

Inverse Universe

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



39.6618, 36.2547, 43.9391



68.4533, 60.6663, 75.0743



44.4566, 48.6909, 36.7617



9.7400, 9.6203, 11.0199



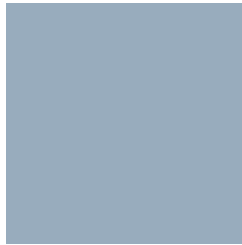
15.7786, 7.9426, 9.3939



0.6507, 0.3242, 0.5400

Previews

White Background



This preview shows how the XYZ color 36.8867, 39.8546, 53.8927 looks on a white background.

Color Contrast Check

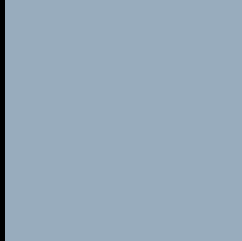
Large Text (above 18pt) WCAG AA × Fail

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 36.8867, 39.8546, 53.8927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

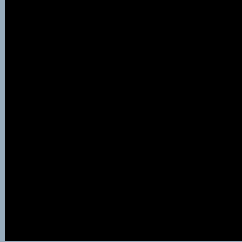
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

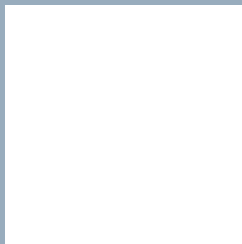
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.8867, 39.8546, 53.8927

Background



This preview shows how black text looks on a background with the XYZ color 36.8867, 39.8546, 53.8927.



This preview shows how white text looks on a background with the XYZ color 36.8867, 39.8546,

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

36.8867, 39.8546, 53.8927

Protanopia

38.8019, 39.7659, 52.0849

Deuteranopia

40.6539, 39.8581, 54.2659



Tritanopia

36.3779, 39.6295, 52.1863

Trichromacy



Original Color

36.8867, 39.8546, 53.8927

Protanomaly

38.0579, 39.6452, 52.6601

Deuteranomaly

39.2332, 39.9385, 54.3563

Tritanomaly

36.4847, 39.6722, 52.7483

Monochromacy



Original Color

36.8867, 39.8546, 53.8927

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.9247, 39.1919, 46.6929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8867, 39.8546, 53.8927 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(152, 172, 189) looks like.

```
.text, #text, p{  
    color:rgb(152, 172, 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(152, 172, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 172, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.8867, 39.8546, 53.8927 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(152, 172, 189) }
```


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

```
.border{ border-color:rgb(152, 172, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 172, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 172, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 172, 189);  
box-shadow:4px 4px 4px 4px rgb(152, 172,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8867, 39.8546, 53.8927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 172, 189) }
```

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

```
.background{ background-color: rgb(152,  
172, 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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