

Converting Colors

XYZ(37.9612, 39.2931, 53.0742)

Have a look what the booklet for
XYZ(37.9612, 39.2931, 53.0742)
contains.

XYZ(37.9800, 39.3175, 53.1642)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9800, 39.3175,
53.1642)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A8BC
RGB	162, 168, 188
RGB Percent	64%, 66%, 74%
CMY	0.3647, 0.3412, 0.2627
CMYK	0.14, 0.11, 0.00, 0.26
HSL	226°, 16%, 69%
HSV	226°, 14%, 74%
XYZ	37.9800, 39.3175, 53.1642
YIQ	168.4860, -9.9960, 4.9480

Conversions

Conversions Part 2

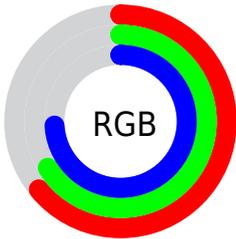
Format	Color
R _Y B	162, 167, 188
Decimal	10660028
CIE Lab	68.98, 1.98, -10.97
CIE LCh	69, 11.148, 280.241
Yxy	39.3175, 0.2911, 0.3014
Android (android.graphics.Color)	4288850108 (0xFFA2A8BC)
YUV	168.4860, 9.6204, -5.6882
Hunter-Lab	62.7037, -1.6129, -6.3773

Details

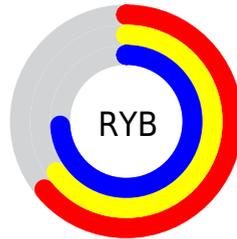
The XYZ color **37.9800, 39.3175, 53.1642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9887, 46.7556, 40.8894**, and the grayscale version is **37.4170, 39.3656, 42.8691**.

A 20% lighter version of the original color is **71.3321, 74.0587, 96.1231**, and **17.0490, 17.5550, 25.4116** is the 20% darker color. If you saturate the color by 10%, you get **31.9203, 32.4495, 52.1585**, and if you desaturate by 10%, it is **44.9099, 47.0769, 54.2973**.

Distribution



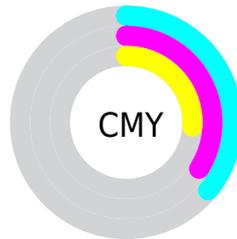
- Red (64%)
- Green (66%)
- Blue (74%)



- Red (64%)
- Yellow (65%)
- Blue (74%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9800, 39.3175, 53.1642 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 37.9800, 39.3175, 53.1642 by changing the saturation by 10% instead.

■ 37.9800, 39.3175,
53.1642

■ 37.9800, 39.3175,
53.1642

328.8165,
343.2385, 415.9989

■ 26.1443, 27.0068,
37.5452

■ 71.3816, 74.1231,
96.2899

■ 17.0649, 17.5783,
25.3308

■ 93.6782, 97.3868,
124.6338

■ 10.3763, 10.6477,
16.1025

120.1925,
125.0703, 158.0564

■ 5.7134, 5.8305,
9.4415

151.2898,
157.5580, 196.9762

■ 2.7106, 2.7423,
4.9296

187.3355,
195.2342, 241.8118

■ 1.0026, 0.9987,
2.1480

228.6949,

■ 0.0000, 0.0000,

238.4835, 292.9818

0.6441

275.7335,
287.6901, 350.9047

■ 0.0000, 0.0000,
0.0000

■ 37.9800, 39.3175,
53.1642

■ 37.9800, 39.3175,
53.1642

■ 31.9203, 32.4495,
52.1585

■ 44.9099, 47.0769,
54.2973

■ 26.6923, 26.4356,
51.2733

■ 52.7393, 55.7533,
55.5594

■ 22.2599, 21.2430,
50.5046

■ 61.5006, 65.3777,
56.9553

■ 18.5828, 16.8349,
49.8476

■ 71.2235, 75.9777,
58.4888

■ 15.6172, 13.1718,
49.2968

■ 81.5666, 87.3897,
60.1464

■ 13.3142, 10.2102,
48.8466

■ 86.0017, 96.2598,
61.6248

■ 11.6188, 7.9018,
48.4904

■ 86.0772, 96.4109,
61.6500

■ 10.4659, 6.1913,
48.2210

■ 9.9558, 5.3881,
48.0928

Harmonies

Analogous

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



36.2284, 39.3175, 52.6808



37.9800, 39.3175, 53.1642



39.6179, 39.3175, 50.7109

Triad

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



37.9800, 39.3175, 53.1642



40.0356, 39.3175, 36.8027



34.2501, 39.3175, 39.5908

Complementary

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



37.9800, 39.3175, 53.1642



43.9887, 46.7556, 40.8894

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.



35.2090, 39.3175, 35.7757



37.9800, 39.3175, 53.1642



38.5355, 39.3175, 34.2564

Square

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



37.9800, 39.3175, 53.1642



40.8294, 39.3175, 41.0962



36.7668, 39.3175, 33.8960



34.1120, 39.3175, 44.5710

Rectangle

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



37.9800, 39.3175, 53.1642



40.4111, 39.3175, 47.8459



36.7668, 39.3175, 33.8960



34.4856, 39.3175, 38.1406

Sweetspot

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



37.9812, 39.3191, 53.1651



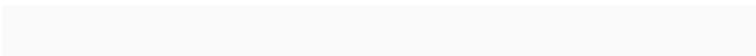
81.0765, 84.9679, 98.3535



41.3208, 47.0231, 51.1190



17.2198, 18.0319, 21.1155



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.



37.9812, 39.3191, 53.1651



64.8715, 66.7864, 95.6982



38.3460, 37.8999, 52.8719



9.1905, 9.5733, 12.0356



6.8263, 3.7643, 32.7597



0.3188, 0.2502, 1.3003

Inverse Universe

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



40.7282, 39.3600, 42.4983



70.9697, 66.9689, 71.9980



43.5771, 48.4075, 41.2300



9.6180, 9.5715, 10.3774



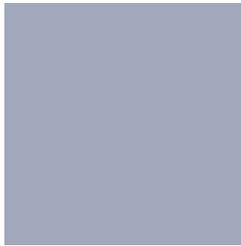
14.4464, 7.4097, 2.3781



0.5918, 0.3006, 0.2297

Previews

White Background



This preview shows how the XYZ color 37.9800, 39.3175, 53.1642 looks on a white background.

Color Contrast Check

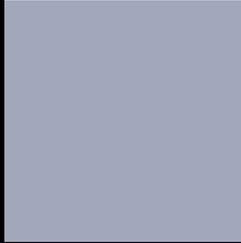
Large Text (above 18pt) WCAG AA × Fail

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 37.9800, 39.3175, 53.1642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

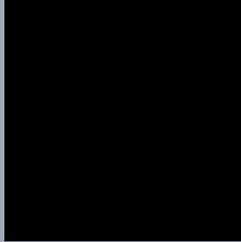
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

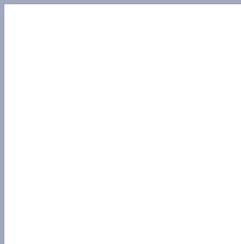
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9800, 39.3175, 53.1642

Background



This preview shows how black text looks on a background with the XYZ color 37.9800, 39.3175, 53.1642.



This preview shows how white text looks on a background with the XYZ color 37.9800, 39.3175,

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

37.9800, 39.3175, 53.1642

Protanopia

38.5142, 39.3323, 52.5757

Deuteranopia

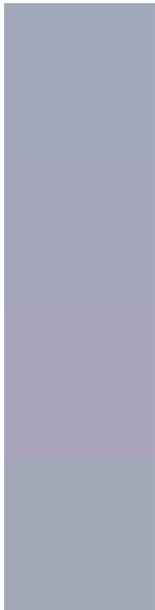
40.1400, 39.3390, 53.6217



Tritanopia

37.3294, 39.3304, 49.8800

Trichromacy



Original Color

37.9800, 39.3175, 53.1642

Protanomaly

38.3054, 39.2246, 52.5659

Deuteranomaly

39.2180, 39.1304, 53.6300

Tritanomaly

37.5376, 39.4137, 50.9766

Monochromacy



Original Color

37.9800, 39.3175, 53.1642

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4664, 39.2074, 46.1505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9800, 39.3175, 53.1642 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(162, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 188)  
}
```

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(162, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 188) }
```

Border

The CSS property to change the border of an element to XYZ 37.9800, 39.3175, 53.1642 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(162, 168, 188) }
```


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

```
.border{ border-color:rgb(162, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9800, 39.3175, 53.1642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 188) }
```

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

```
.background{ background-color: rgb(162,  
168, 188) }
```

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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