

Converting Colors

XYZ(38.2984, 37.3559, 55.1744)

Have a look what the booklet for
XYZ(38.2984, 37.3559, 55.1744)
contains.

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Color

**XYZ(38.2337, 37.2722,
55.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A0C0
RGB	168, 160, 192
RGB Percent	66%, 63%, 75%
CMY	0.3412, 0.3725, 0.2471
CMYK	0.12, 0.17, 0.00, 0.25
HSL	255°, 20%, 69%
HSV	255°, 17%, 75%
XYZ	38.2337, 37.2722, 55.0483
YIQ	166.0400, -5.5040, 11.6480

Conversions

Conversions Part 2

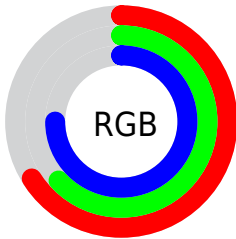
Format	Color
R_{YB}	168, 160, 192
Decimal	11051200
CIE Lab	67.48, 9.27, -15.40
CIE LCh	67, 17.968, 301.040
Yxy	37.2722, 0.2929, 0.2855
Android (android.graphics.Color)	4289241280 (0xFFA8A0C0)
YUV	166.0400, 12.7983, 1.7189
Hunter-Lab	61.0510, 4.9480, -10.7248

Details

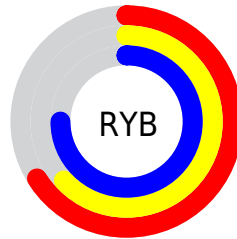
The XYZ color **38.2337, 37.2722, 55.0483** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9632, 50.4286, 40.6233**, and the grayscale version is **36.2078, 38.0934, 41.4837**.

A 20% lighter version of the original color is **71.6751, 71.0662, 98.7464**, and **17.2585, 16.4853, 26.3171** is the 20% darker color. If you saturate the color by 10%, you get **32.2611, 29.6287, 53.8883**, and if you desaturate by 10%, it is **45.0622, 46.1220, 56.3972**.

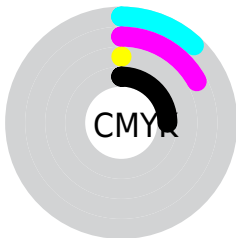
Distribution



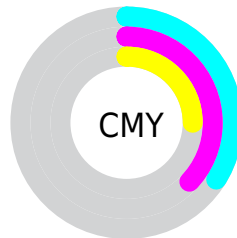
- Red (66%)
- Green (63%)
- Blue (75%)



- Red (66%)
- Yellow (63%)
- Blue (75%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2337, 37.2722, 55.0483 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 38.2337, 37.2722, 55.0483 by changing the saturation by 10% instead.

■ 38.2337, 37.2722,
55.0483

■ 38.2337, 37.2722,
55.0483

329.8850,
334.4875, 423.3821

■ 26.3422, 25.4183,
39.0415

■ 71.7678, 70.9912,
99.0836

■ 17.2138, 16.3890,
26.4840

■ 94.1410, 93.6252,
127.9492

■ 10.4833, 9.7998,
16.9570

120.7389,
120.6212, 161.9381

■ 5.7853, 5.2664,
10.0422

151.9268,
152.3638, 201.4690

■ 2.7544, 2.4044,
5.3210

188.0699,
189.2374, 246.9602

■ 1.0252, 0.8282,
2.3748

229.5338,

■ 0.0000, 0.0000,

231.6262, 298.8305

0.7727

276.6837,
279.9148, 357.4983

■ 0.0000, 0.0000,
0.0000

■ 38.2337, 37.2722,
55.0483

■ 38.2337, 37.2722,
55.0483

■ 32.2611, 29.6287,
53.8883

■ 45.0622, 46.1220,
56.3972

■ 27.1064, 23.1339,
52.9064

■ 52.7756, 56.2227,
57.9403

■ 22.7339, 17.7330,
52.0944

■ 61.4059, 67.6226,
59.6858

■ 19.1035, 13.3641,
51.4424

■ 70.9823, 80.3658,
61.6407

■ 16.1718, 9.9597,
50.9398

■ 81.2117, 93.8521,
63.7047

■ 13.8902, 7.4434,
50.5744

■ 86.2965, 96.4734,
63.9427

■ 12.2034, 5.7274,
50.3321

■ 86.5145, 96.5858,
63.9529

■ 11.0415, 4.6962,
50.1943

■ 10.7331, 4.4340,
50.1599

Harmonies

Analogous

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



35.5225, 37.2722, 57.7553



38.2337, 37.2722, 55.0483



40.2754, 37.2722, 48.3962

Triad

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



38.2337, 37.2722, 55.0483



38.0584, 37.2722, 28.6843



30.3804, 37.2722, 40.8596

Complementary

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



38.2337, 37.2722, 55.0483



44.9632, 50.4286, 40.6233

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.



30.9826, 37.2722, 33.6597



38.2337, 37.2722, 55.0483



35.3299, 37.2722, 27.2045

Square

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



38.2337, 37.2722, 55.0483



40.1706, 37.2722, 33.2396



32.7594, 37.2722, 28.9037



31.0708, 37.2722, 48.9356

Rectangle

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



38.2337, 37.2722, 55.0483



40.9312, 37.2722, 42.9965



32.7594, 37.2722, 28.9037



30.4381, 37.2722, 38.2617

Sweetspot

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



38.2348, 37.2738, 55.0491



83.7560, 86.3169, 102.6067



41.2643, 45.7835, 56.5320



17.7654, 18.2529, 21.9721



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.2348, 37.2738, 55.0491



65.1460, 62.2259, 98.9375



41.7260, 39.0735, 55.2125



9.7590, 9.8669, 12.6750



7.2834, 3.0151, 33.7547



0.3803, 0.1641, 1.4615

Inverse Universe

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



42.9620, 39.8103, 50.7688



75.3699, 67.7153, 89.5307



41.4582, 48.6217, 40.4593



10.3862, 10.2031, 12.1244



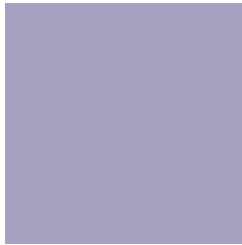
18.0477, 8.9088, 18.6950



0.8060, 0.3954, 0.9459

Previews

White Background



This preview shows how the XYZ color 38.2337, 37.2722, 55.0483 looks on a white background.

Color Contrast Check

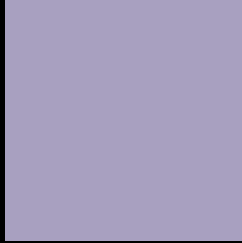
Large Text (above 18pt) WCAG AA × Fail

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 38.2337, 37.2722, 55.0483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

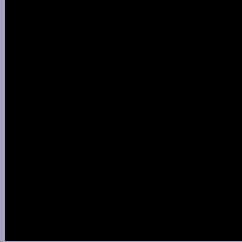
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2337, 37.2722, 55.0483

Background



This preview shows how black text looks on a background with the XYZ color 38.2337, 37.2722, 55.0483.



This preview shows how white text looks on a background with the XYZ color 38.2337, 37.2722,

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

38.2337, 37.2722, 55.0483

Protanopia

36.9353, 37.3585, 56.3032

Deuteranopia

38.0216, 37.1629, 55.0384



Tritanopia

36.4507, 37.3283, 46.3582

Trichromacy



Original Color

38.2337, 37.2722, 55.0483

Protanomaly

37.4463, 37.3723, 55.6920

Deuteranomaly

38.0216, 37.1629, 55.0384

Tritanomaly

37.0897, 37.3251, 49.5056

Monochromacy



Original Color

38.2337, 37.2722, 55.0483

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.9497, 37.8616, 45.9180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2337, 37.2722, 55.0483 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(168, 160, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 160, 192)  
}
```

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(168, 160, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 160, 192) }
```

Border

The CSS property to change the border of an element to XYZ 38.2337, 37.2722, 55.0483 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(168, 160, 192) }
```


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

```
.border{ border-color:rgb(168, 160, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 160, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 160, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 160, 192); box-shadow:4px 4px 4px 4px rgb(168, 160, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2337, 37.2722, 55.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 160, 192) }
```

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

```
.background{ background-color: rgb(168,  
160, 192) }
```

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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