

Converting Colors

XYZ(39.2530, 37.7705, 57.9608)

Have a look what the booklet for
XYZ(39.2530, 37.7705, 57.9608)
contains.

XYZ(39.2264, 37.7189, 58.0363)	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(39.2264, 37.7189,
58.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA0C5
RGB	170, 160, 197
RGB Percent	67%, 63%, 77%
CMY	0.3333, 0.3725, 0.2274
CMYK	0.14, 0.19, 0.00, 0.23
HSL	256°, 24%, 70%
HSV	256°, 19%, 77%
XYZ	39.2264, 37.7189, 58.0363
YIQ	167.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

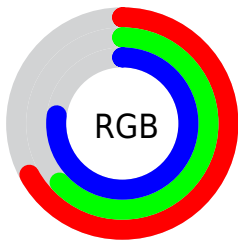
Format	Color
RYB	170, 160, 197
Decimal	11182277
CIELab	67.81, 11.00, -17.65
CIELCh	68, 20.801, 301.927
Yxy	37.7189, 0.2906, 0.2794
Android (android.graphics.Color)	4289372357 (0xFFAAA0C5)
YUV	167.2080, 14.6875, 2.4486
Hunter-Lab	61.4157, 6.5310, -13.0366

Details

The XYZ color **39.2264, 37.7189, 58.0363** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.8062, 53.0363, 41.0296**, and the grayscale version is **36.7656, 38.6803, 42.1229**.

A 20% lighter version of the original color is **73.5539, 71.9254, 103.7722**, and **17.8978, 16.7720, 28.2806** is the 20% darker color. If you saturate the color by 10%, you get **33.1386, 29.9069, 56.8499**, and if you desaturate by 10%, it is **46.1976, 46.7915, 59.4207**.

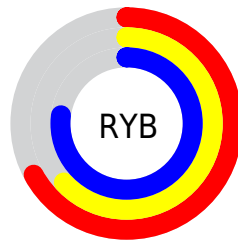
Distribution



Red (67%)

Green (63%)

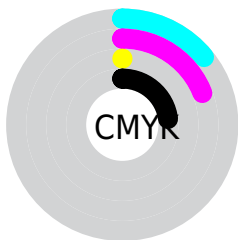
Blue (77%)



Red (67%)

Yellow (63%)

Blue (77%)

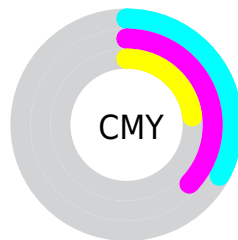


Cyan (14%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2264, 37.7189, 58.0363 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 39.2264, 37.7189, 58.0363 by changing the saturation by 10% instead.

■ 39.2264, 37.7189,
58.0363

■ 39.2264, 37.7189,
58.0363

334.0427,
336.4126, 434.9232

■ 27.1174, 25.7646,
41.4229

■ 73.2759, 71.6771,
103.4910

■ 17.7985, 16.6476,
28.3275

■ 95.9471, 94.4497,
133.1695

■ 10.9042, 9.9836,
18.3315

122.8698,
121.5973, 168.0400

■ 6.0693, 5.3881,
11.0164

154.4094,
153.5042, 208.5212

■ 2.9283, 2.4767,
5.9635

190.9310,
190.5548, 255.0316

■ 1.1160, 0.8649,
2.7545

232.8003,

■ 0.0384, 0.0000,

233.1334, 307.9897

0.9707

280.3824,
281.6246, 367.8140

■ 0.0000, 0.0000,
0.0000

■ 39.2264, 37.7189,
58.0363

■ 39.2264, 37.7189,
58.0363

■ 33.1386, 29.9069,
56.8499

■ 46.1976, 46.7915,
59.4207

■ 27.8943, 23.2944,
55.8500

■ 54.0828, 57.1729,
61.0089

■ 23.4559, 17.8221,
55.0276

■ 62.9155, 68.9144,
62.8097

■ 19.7811, 13.4238,
54.3723

■ 72.7263, 82.0633,
64.8306

■ 16.8238, 10.0261,
53.8724

■ 82.4163, 94.4080,
66.7026

■ 14.5323, 7.5462,
53.5145

■ 87.0781, 96.8113,
66.9208

■ 12.8474, 5.8877,
53.2832

■ 11.6792, 4.8954,
53.1532

■ 11.5588, 4.7946,
53.1401

Harmonies

Analogous

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



36.0593, 37.7189, 61.4678



39.2264, 37.7189, 58.0363



41.5972, 37.7189, 49.9942

Triad

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



39.2264, 37.7189, 58.0363



38.8447, 37.7189, 27.3238



30.0107, 37.7189, 41.6686

Complementary

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



39.2264, 37.7189, 58.0363



46.8062, 53.0363, 41.0296

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.



30.6594, 37.7189, 33.2756



39.2264, 37.7189, 58.0363



35.6429, 37.7189, 25.7715

Square

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



39.2264, 37.7189, 58.0363



41.3678, 37.7189, 32.3861



32.6744, 37.7189, 27.7808



30.8473, 37.7189, 51.1809

Rectangle

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



39.2264, 37.7189, 58.0363



42.3383, 37.7189, 43.6110



32.6744, 37.7189, 27.7808



30.0621, 37.7189, 38.6287

Sweetspot

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



39.2276, 37.7205, 58.0371



86.3727, 88.5672, 107.1506



42.3751, 47.1032, 59.6823



18.2931, 18.7021, 22.8957



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.



39.2276, 37.7205, 58.0371



65.0778, 60.8846, 102.9297



43.4795, 39.9124, 58.2361



10.3211, 10.4238, 13.3855



7.6719, 3.1893, 34.9556



0.4346, 0.1878, 1.6585

Inverse Universe

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



44.5677, 40.6014, 52.5033



76.6613, 67.1389, 90.6969



42.5963, 50.8660, 40.8326



10.9561, 10.7658, 12.7519



18.4809, 9.1419, 18.2742



0.9042, 0.4445, 1.0185

Previews

White Background



This preview shows how the XYZ color 39.2264, 37.7189, 58.0363 looks on a white background.

Color Contrast Check

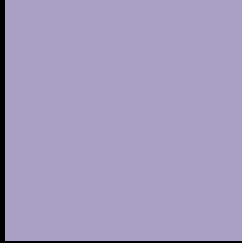
Large Text (above 18pt) WCAG AA × Fail

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 39.2264, 37.7189, 58.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

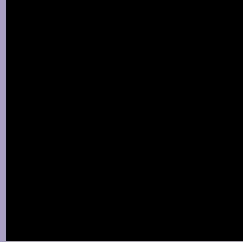
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2264, 37.7189, 58.0363

Background



This preview shows how black text looks on a background with the XYZ color 39.2264, 37.7189, 58.0363.



This preview shows how white text looks on a background with the XYZ color 39.2264, 37.7189,

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

39.2264, 37.7189, 58.0363

Protanopia

37.6054, 37.8891, 59.9749

Deuteranopia

38.5488, 37.6279, 58.0545



Tritanopia

37.1476, 37.9407, 46.9604

Trichromacy



Original Color

39.2264, 37.7189, 58.0363

Protanomaly

38.3063, 37.9993, 59.3485

Deuteranomaly

38.7593, 37.7364, 58.0644

Tritanomaly

37.8974, 37.9799, 50.6808

Monochromacy



Original Color

39.2264, 37.7189, 58.0363

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.4598, 38.0901, 47.4973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2264, 37.7189, 58.0363 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(170, 160, 197)` looks like.

```
.text, #text, p{  
    color:rgb(170, 160, 197)  
}
```

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(170, 160, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 160, 197) }
```

Border

The CSS property to change the border of an element to XYZ 39.2264, 37.7189, 58.0363 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(170, 160, 197) }
```


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

```
.border{ border-color:rgb(170, 160, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 160, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 160, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 160, 197);  
box-shadow:4px 4px 4px 4px rgb(170, 160,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2264, 37.7189, 58.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 160, 197) }
```

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

```
.background{ background-color: rgb(170,  
160, 197) }
```

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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