

Converting Colors

XYZ(37.9525, 39.2904, 52.6761)

Have a look what the booklet for
XYZ(37.9525, 39.2904, 52.6761)
contains.

XYZ(37.8726, 39.2745, 52.5983)	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(37.8726, 39.2745,
52.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A8BB
RGB	162, 168, 187
RGB Percent	64%, 66%, 73%
CMY	0.3647, 0.3412, 0.2667
CMYK	0.13, 0.10, 0.00, 0.27
HSL	226°, 16%, 68%
HSV	226°, 13%, 73%
XYZ	37.8726, 39.2745, 52.5983
YIQ	168.3720, -9.6750, 4.6370

Conversions

Conversions Part 2

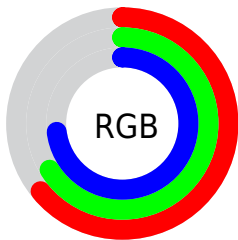
Format	Color
RYB	162, 167, 187
Decimal	10660027
CIELab	68.95, 1.77, -10.46
CIElCh	69, 10.611, 279.591
Yxy	39.2745, 0.2919, 0.3027
Android (android.graphics.Color)	4288850107 (0xFFA2A8BB)
YUV	168.3720, 9.1836, -5.5882
Hunter-Lab	62.6694, -1.7996, -5.8934

Details

The XYZ color **37.8726, 39.2745, 52.5983** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5393, 46.2211, 40.8102**, and the grayscale version is **37.3629, 39.3086, 42.8071**.

A 20% lighter version of the original color is **71.1806, 73.9981, 95.3255**, and **16.9789, 17.5270, 25.0424** is the 20% darker color. If you saturate the color by 10%, you get **31.8713, 32.4975, 51.6071**, and if you desaturate by 10%, it is **44.7279, 46.9195, 53.7132**.

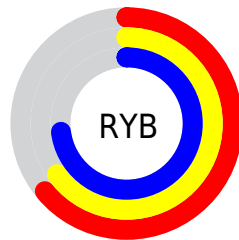
Distribution



Red (64%)

Green (66%)

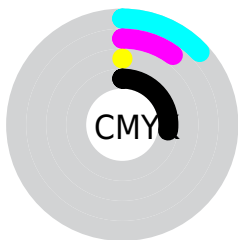
Blue (73%)



Red (64%)

Yellow (65%)

Blue (73%)

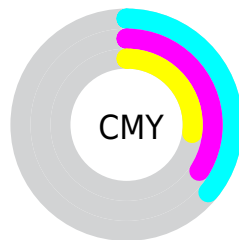


Cyan (13%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (36%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8726, 39.2745, 52.5983 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 37.8726, 39.2745, 52.5983 by changing the saturation by 10% instead.

■ 37.8726, 39.2745,
52.5983

■ 37.8726, 39.2745,
52.5983

328.3635,
343.0561, 413.7645

■ 26.0606, 26.9733,
37.0967

■ 71.2180, 74.0575,
95.4486

■ 17.0019, 17.5532,
24.9860

■ 93.4821, 97.3081,
123.6343

■ 10.3312, 10.6297,
15.8477

119.9609,
124.9773, 156.8851

■ 5.6830, 5.8184,
9.2632

151.0198,
157.4495, 195.6195

■ 2.6921, 2.7350,
4.8141

187.0242,
195.1091, 240.2561

■ 0.9931, 0.9950,
2.0818

228.3393,

■ 0.0000, 0.0000,

238.3404, 291.2135

0.6049

275.3306,
287.5280, 348.9101

■ 0.0000, 0.0000,
0.0000

■ 37.8726, 39.2745,
52.5983

■ 37.8726, 39.2745,
52.5983

■ 31.8713, 32.4975,
51.6071

■ 44.7279, 46.9195,
53.7132

■ 26.6864, 26.5523,
50.7329

■ 52.4657, 55.4570,
54.9533

■ 22.2827, 21.4076,
49.9719

■ 61.1176, 64.9168,
56.3232

■ 18.6211, 17.0280,
49.3196

■ 70.7125, 75.3257,
57.8267

■ 15.6589, 13.3752,
48.7706

■ 81.0929, 86.6142,
59.4584

■ 13.3488, 10.4078,
48.3196

■ 85.4195, 95.2674,
60.9007

■ 11.6372, 8.0794,
47.9604

■ 85.9698, 96.3679,
61.0841

■ 10.4611, 6.3371,
47.6861

■ 9.9041, 5.4567,
47.5455

Harmonies

Analogous

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



36.2089, 39.2745, 52.0794



37.8726, 39.2745, 52.5983



39.4360, 39.2745, 50.3332

Triad

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



37.8726, 39.2745, 52.5983



39.8865, 39.2745, 37.1090



34.3694, 39.2745, 39.6033

Complementary

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



37.8726, 39.2745, 52.5983



43.5393, 46.2211, 40.8102

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.



35.2989, 39.2745, 35.9931



37.8726, 39.2745, 52.5983



38.4724, 39.2745, 34.6301

Square

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



37.8726, 39.2745, 52.5983



40.6216, 39.2745, 41.2332



36.7911, 39.2745, 34.2376



34.2197, 39.2745, 44.3307

Rectangle

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



37.8726, 39.2745, 52.5983



40.1988, 39.2745, 47.6425



36.7911, 39.2745, 34.2376



34.5996, 39.2745, 38.2290

Sweetspot

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



37.8738, 39.2761, 52.5992



79.2012, 83.0271, 96.0529



40.9862, 46.5487, 50.4070



17.2264, 18.0452, 21.1177



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.



37.8738, 39.2761, 52.5992



64.5697, 66.6769, 93.6681



38.0925, 37.7818, 52.2992



9.1975, 9.5874, 12.0380



6.8719, 3.8555, 32.7749



0.3218, 0.2563, 1.3014

Inverse Universe

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



40.4827, 39.2336, 42.4868



70.1599, 66.6589, 71.9834



43.2901, 47.9435, 41.1558



9.6216, 9.5729, 10.3961



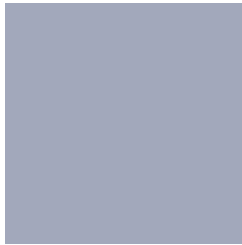
14.4694, 7.4189, 2.4994



0.5933, 0.3012, 0.2378

Previews

White Background



This preview shows how the XYZ color 37.8726, 39.2745, 52.5983 looks on a white background.

Color Contrast Check

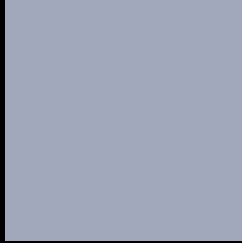
Large Text (above 18pt) WCAG AA × Fail

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 37.8726, 39.2745, 52.5983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

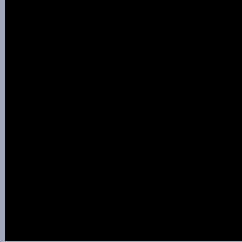
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8726, 39.2745, 52.5983

Background



This preview shows how black text looks on a background with the XYZ color 37.8726, 39.2745, 52.5983.



This preview shows how white text looks on a background with the XYZ color 37.8726, 39.2745,

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

37.8726, 39.2745, 52.5983

Protanopia

38.4075, 39.2896, 52.0137

Deuteranopia

40.0318, 39.2957, 53.0519



Tritanopia

37.3294, 39.3304, 49.8800

Trichromacy



Original Color

37.8726, 39.2745, 52.5983

Protanomaly

38.1987, 39.1819, 52.0040

Deuteranomaly

39.1098, 39.0872, 53.0602

Tritanomaly

37.5376, 39.4137, 50.9766

Monochromacy



Original Color

37.8726, 39.2745, 52.5983

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 37.8726, 39.2745, 52.5983 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.8726, 39.2745, 52.5983 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, 187) }
```


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

```
.border{ border-color:rgb(162, 168, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 168, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 168, 187); box-shadow:4px 4px 4px 4px rgb(162, 168, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8726, 39.2745, 52.5983 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, 187) }
```

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

```
.background{ background-color: rgb(162,  
168, 187) }
```

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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