

Converting Colors

XYZ(37.8506, 39.0523, 54.7454)

Have a look what the booklet for
XYZ(37.8506, 39.0523, 54.7454)
contains.

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Color

**XYZ(37.7199, 38.8726,
54.8053)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A7BF
RGB	160, 167, 191
RGB Percent	63%, 65%, 75%
CMY	0.3725, 0.3451, 0.2510
CMYK	0.16, 0.13, 0.00, 0.25
HSL	226°, 19%, 69%
HSV	226°, 16%, 75%
XYZ	37.7199, 38.8726, 54.8053
YIQ	167.6430, -11.8760, 5.9800

Conversions

Conversions Part 2

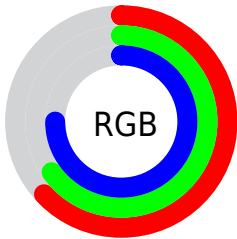
Format	Color
RYB	160, 166, 191
Decimal	10528703
CIELab	68.66, 2.53, -13.13
CIElCh	69, 13.370, 280.891
Yxy	38.8726, 0.2871, 0.2958
Android (android.graphics.Color)	4288718783 (0xFFFA0A7BF)
YUV	167.6430, 11.5150, -6.7029
Hunter-Lab	62.3479, -1.1180, -8.4738

Details

The XYZ color **37.7199, 38.8726, 54.8053** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9718, 47.8953, 40.1331**, and the grayscale version is **36.9950, 38.9217, 42.3857**.

A 20% lighter version of the original color is **70.9341, 73.4050, 98.4256**, and **16.9025, 17.2846, 26.4902** is the 20% darker color. If you saturate the color by 10%, you get **31.6355, 31.9430, 53.7891**, and if you desaturate by 10%, it is **44.7030, 46.7273, 55.9540**.

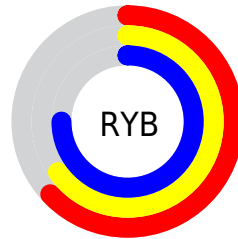
Distribution



Red (63%)

Green (65%)

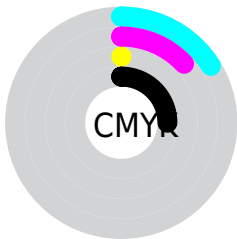
Blue (75%)



Red (63%)

Yellow (65%)

Blue (75%)

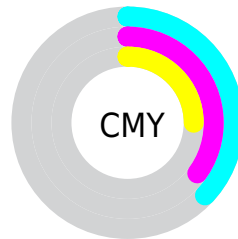


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7199, 38.8726, 54.8053 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 37.7199, 38.8726, 54.8053 by changing the saturation by 10% instead.

■ 37.7199, 38.8726,
54.8053

■ 37.7199, 38.8726,
54.8053

327.7186,
341.3485, 422.4346

■ 25.9416, 26.6606,
38.8483

■ 70.9853, 73.4437,
98.7239

■ 16.9124, 17.3185,
26.3348

■ 93.2031, 96.5715,
127.5226

■ 10.2670, 10.4618,
16.8463

119.6314,
124.1068, 161.4390

■ 5.6399, 5.7062,
9.9642

150.6356,
156.4340, 200.8916

■ 2.6660, 2.6673,
5.2699

186.5811,
193.9373, 246.2989

■ 0.9797, 0.9606,
2.3450

227.8332,

■ 0.0000, 0.0000,

237.0012, 298.0794

0.7563

274.7572,
286.0102, 356.6518

■ 0.0000, 0.0000,
0.0000

■ 37.7199, 38.8726,
54.8053

■ 37.7199, 38.8726,
54.8053

■ 31.6355, 31.9430,
53.7891

■ 44.7030, 46.7273,
55.9540

■ 26.4092, 25.8991,
52.8979

■ 52.6162, 55.5350,
57.2370

■ 22.0025, 20.7058,
52.1278

■ 61.4935, 65.3282,
58.6594

■ 18.3725, 16.3237,
51.4733

■ 71.3665, 76.1365,
60.2252

■ 15.4720, 12.7102,
50.9287

■ 82.0798, 87.8930,
61.9298

■ 13.2489, 9.8184,
50.4877

■ 86.4041, 96.5416,
63.3712

■ 11.6432, 7.5961,
50.1433

■ 10.5807, 5.9810,
49.8876

■ 10.2731, 5.4997,
49.8109

Harmonies

Analogous

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



35.6336, 38.8726, 54.2944



37.7199, 38.8726, 54.8053



39.6701, 38.8726, 51.7410

Triad

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



37.7199, 38.8726, 54.8053



40.1031, 38.8726, 35.1592



33.2411, 38.8726, 38.6311

Complementary

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



37.7199, 38.8726, 54.8053



44.9718, 47.8953, 40.1331

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.



34.3519, 38.8726, 34.1279



37.7199, 38.8726, 54.8053



38.2927, 38.8726, 32.2593

Square

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



37.7199, 38.8726, 54.8053



41.0805, 38.8726, 40.1659



36.1852, 38.8726, 31.9007



33.1010, 38.8726, 44.5615

Rectangle

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



37.7199, 38.8726, 54.8053



40.6103, 38.8726, 48.2397



36.1852, 38.8726, 31.9007



33.5114, 38.8726, 36.9159

Sweetspot

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



37.7211, 38.8742, 54.8062



81.6071, 85.4149, 100.4647



41.7560, 48.1868, 52.3202



17.7099, 18.5213, 22.0268



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.



37.7211, 38.8742, 54.8062



64.0430, 65.6380, 97.5731



38.1809, 37.2583, 54.4700



9.1867, 9.5656, 12.0344



6.8023, 3.7163, 32.7517



0.3171, 0.2469, 1.2998

Inverse Universe

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



41.0327, 39.0090, 41.9278



70.9715, 66.0119, 70.6083



44.4417, 49.8350, 40.5354



9.6161, 9.5707, 10.3672



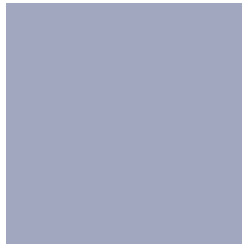
14.4343, 7.4049, 2.3144



0.5910, 0.3003, 0.2253

Previews

White Background



This preview shows how the XYZ color 37.7199, 38.8726, 54.8053 looks on a white background.

Color Contrast Check

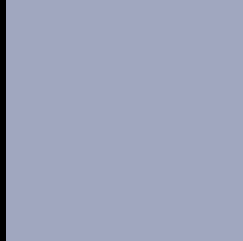
Large Text (above 18pt) WCAG AA × Fail

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 37.7199, 38.8726, 54.8053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

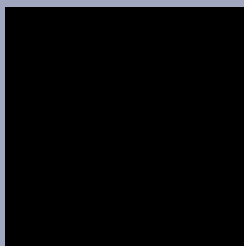
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

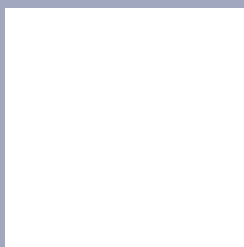
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.7199, 38.8726, 54.8053

Background



This preview shows how black text looks on a background with the XYZ color 37.7199, 38.8726, 54.8053.



This preview shows how white text looks on a background with the XYZ color 37.7199, 38.8726,

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

37.7199, 38.8726, 54.8053

Protanopia

38.0347, 38.7767, 54.1952

Deuteranopia

39.6249, 38.7708, 55.2642



Tritanopia

36.7320, 39.0224, 49.8521

Trichromacy



Original Color

37.7199, 38.8726, 54.8053

Protanomaly

37.8308, 38.6715, 54.1857

Deuteranomaly

38.9383, 38.6815, 55.2832

Tritanomaly

37.0577, 38.8790, 51.4502

Monochromacy



Original Color

37.7199, 38.8726, 54.8053

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.3562, 39.1392, 46.6600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7199, 38.8726, 54.8053 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(160, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 191)  
}
```

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(160, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 191) }
```

Border

The CSS property to change the border of an element to XYZ 37.7199, 38.8726, 54.8053 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(160, 167, 191) }
```


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

```
.border{ border-color:rgb(160, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7199, 38.8726, 54.8053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 191) }
```

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

```
.background{ background-color: rgb(160,  
167, 191) }
```

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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