

Converting Colors

XYZ(37.2372, 40.5764, 49.2397)

Have a look what the booklet for
XYZ(37.2372, 40.5764, 49.2397)
contains.

XYZ(37.2789, 40.7355, 49.0779)	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(37.2789, 40.7355,
49.0779)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAEB4
RGB	157, 174, 180
RGB Percent	62%, 68%, 71%
CMY	0.3843, 0.3176, 0.2941
CMYK	0.13, 0.03, 0.00, 0.29
HSL	196°, 13%, 66%
HSV	196°, 13%, 71%
XYZ	37.2789, 40.7355, 49.0779
YIQ	169.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

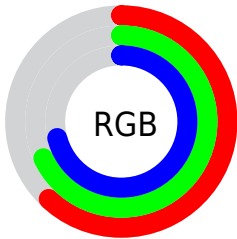
Format	Color
R _Y B	157, 167, 180
Decimal	10333876
CIE Lab	69.99, -4.65, -5.09
CIE LCh	70, 6.892, 227.570
Yxy	40.7355, 0.2933, 0.3205
Android (android.graphics.Color)	4288523956 (0xFF9DAEB4)
YUV	169.6010, 5.1267, -11.0511
Hunter-Lab	63.8244, -7.4333, -0.9141

Details

The XYZ color **37.2789, 40.7355, 49.0779** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0056, 38.3318, 37.2947**, and the grayscale version is **37.9905, 39.9690, 43.5263**.

A 20% lighter version of the original color is **70.3110, 76.0918, 90.3383**, and **16.7342, 18.5155, 22.7705** is the 20% darker color. If you saturate the color by 10%, you get **33.1318, 37.2759, 48.6294**, and if you desaturate by 10%, it is **41.9775, 44.5286, 49.5630**.

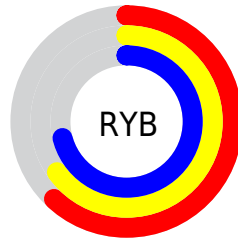
Distribution



Red (62%)

Green (68%)

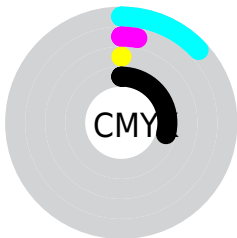
Blue (71%)



Red (62%)

Yellow (65%)

Blue (71%)

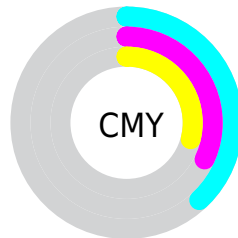


Cyan (13%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (38%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2789, 40.7355, 49.0779 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 37.2789, 40.7355, 49.0779 by changing the saturation by 10% instead.

■ 37.2789, 40.7355,
49.0779

■ 37.2789, 40.7355,
49.0779

325.8510,
349.2139, 399.6802

■ 25.5982, 28.1125,
34.3152

■ 70.3126, 76.2822,
90.1893

■ 16.6544, 18.4105,
22.8566

■ 92.3962, 99.9747,
117.3752

■ 10.0821, 11.2451,
14.2833

118.6782,
128.1258, 149.5392

■ 5.5161, 6.2319,
8.1770

149.5240,
161.1198, 187.0998

■ 2.5910, 2.9866,
4.1190

185.2987,
199.3413, 230.4757

■ 0.9414, 1.1247,
1.6909

226.3679,

■ 0.0000, 0.0000,

243.1745, 280.0854

0.3545

273.0969,
293.0039, 336.3474

■ 0.0000, 0.0000,
0.0000

■ 37.2789, 40.7355,
49.0779

■ 37.2789, 40.7355,
49.0779

■ 33.1318, 37.2759,
48.6294

■ 41.9775, 44.5286,
49.5630

■ 29.5098, 34.1325,
48.2135

■ 47.2454, 48.6616,
50.0831

■ 26.3895, 31.2939,
47.8301

■ 53.1042, 53.1472,
50.6402

■ 23.7443, 28.7458,
47.4776

■ 59.5731, 57.9957,
51.2351

■ 21.5452, 26.4727,
47.1548

■ 66.6705, 63.2171,
51.8688

■ 19.7596, 24.4574,
46.8599

■ 70.6378, 66.8742,
52.3656

■ 18.3502, 22.6802,
46.5912

■ 71.7571, 69.1129,
52.7387

■ 17.2727, 21.1176,
46.3463

■ 72.9102, 71.4191,
53.1231

■ 16.6347, 20.0881,
46.1813

■ 74.0974, 73.7935,
53.5188

Harmonies

Analogous

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



36.6951, 40.7355, 46.2475



37.2789, 40.7355, 49.0779



38.2548, 40.7355, 50.6728

Triad

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



37.2789, 40.7355, 49.0779



40.8655, 40.7355, 45.6988



38.0696, 40.7355, 38.7147

Complementary

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



37.2789, 40.7355, 49.0779



38.0056, 38.3318, 37.2947

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.



39.1846, 40.7355, 38.5837



37.2789, 40.7355, 49.0779



40.8136, 40.7355, 42.5130

Square

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



37.2789, 40.7355, 49.0779



40.3340, 40.7355, 48.6595



40.1934, 40.7355, 39.9435



37.1455, 40.7355, 40.3103

Rectangle

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



37.2789, 40.7355, 49.0779



39.0031, 40.7355, 50.7724



40.1934, 40.7355, 39.9435



38.4341, 40.7355, 38.5007

Sweetspot

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



37.2801, 40.7372, 49.0788



74.9561, 79.8168, 89.7502



36.8150, 42.4467, 40.7864



16.0580, 17.1372, 19.3837



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.2801, 40.7372, 49.0788



65.6398, 72.2533, 88.7813



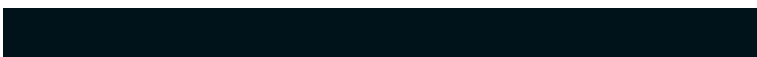
35.1964, 36.5698, 48.3842



8.5514, 9.2490, 10.8409



11.6665, 14.1335, 32.2501



0.4113, 0.5331, 1.0295

Inverse Universe

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



38.5203, 36.8741, 45.1335



68.2954, 64.0894, 80.3087



40.0932, 42.5071, 37.9906



8.7535, 8.6081, 10.2005



16.1234, 7.9669, 16.3416



0.5296, 0.2596, 0.6316

Previews

White Background



This preview shows how the XYZ color 37.2789, 40.7355, 49.0779 looks on a white background.

Color Contrast Check

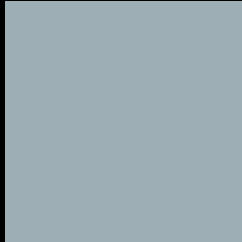
Large Text (above 18pt) WCAG AA × Fail

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 37.2789, 40.7355, 49.0779 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

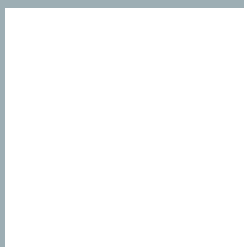
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2789, 40.7355, 49.0779

Background



This preview shows how black text looks on a background with the XYZ color 37.2789, 40.7355, 49.0779.



This preview shows how white text looks on a background with the XYZ color 37.2789, 40.7355,

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

37.2789, 40.7355, 49.0779

Protanopia

39.4239, 40.7345, 47.9042

Deuteranopia

41.3711, 40.5949, 49.9111



Tritanopia

38.0138, 40.7441, 52.8746

Trichromacy



Original Color

37.2789, 40.7355, 49.0779

Protanomaly

38.6359, 40.5960, 48.4473

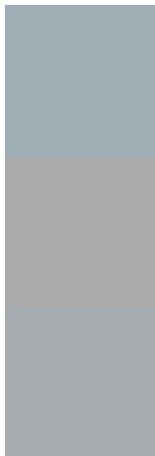
Deuteranomaly

39.7620, 40.5964, 49.4563

Tritanomaly

37.6959, 40.6169, 51.2005

Monochromacy



Original Color

37.2789, 40.7355, 49.0779

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7199, 40.1811, 45.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2789, 40.7355, 49.0779 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(157, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(157, 174, 180)  
}
```

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(157, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 174, 180) }
```

Border

The CSS property to change the border of an element to XYZ 37.2789, 40.7355, 49.0779 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(157, 174, 180) }
```


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

```
.border{ border-color:rgb(157, 174, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(157, 174,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2789, 40.7355, 49.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 174, 180) }
```

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

```
.background{ background-color: rgb(157,  
174, 180) }
```

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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