

Converting Colors

XYZ(40.2299, 41.0421, 52.8153)

Have a look what the booklet for
XYZ(40.2299, 41.0421, 52.8153)
contains.

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Color

**XYZ(40.1390, 40.9952,
52.8110)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAABB
RGB	171, 170, 187
RGB Percent	67%, 67%, 73%
CMY	0.3294, 0.3333, 0.2667
CMYK	0.09, 0.09, 0.00, 0.27
HSL	244°, 11%, 70%
HSV	244°, 9%, 73%
XYZ	40.1390, 40.9952, 52.8110
YIQ	172.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

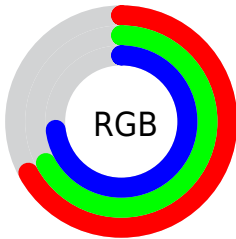
Format	Color
R_{YB}	171, 170, 187
Decimal	11250363
CIE Lab	70.17, 3.69, -8.57
CIE LCh	70, 9.329, 293.331
Yxy	40.9952, 0.2997, 0.3061
Android (android.graphics.Color)	4289440443 (0xFFABAABB)
YUV	172.2370, 7.2782, -1.0848
Hunter-Lab	64.0275, -0.1460, -4.0842

Details

The XYZ color **40.1390, 40.9952, 52.8110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.2770, 48.8830, 45.0811**, and the grayscale version is **39.2997, 41.3464, 45.0262**.

A 20% lighter version of the original color is **74.4669, 76.4902, 95.6333**, and **18.3893, 18.6000, 25.1752** is the 20% darker color. If you saturate the color by 10%, you get **33.2978, 32.6303, 51.5576**, and if you desaturate by 10%, it is **47.9919, 50.6241, 54.2563**.

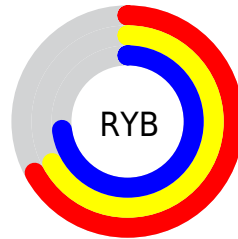
Distribution



Red (67%)

Green (67%)

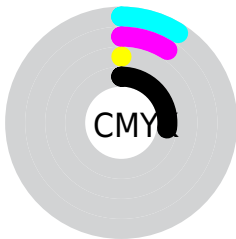
Blue (73%)



Red (67%)

Yellow (67%)

Blue (73%)

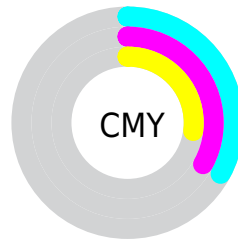


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1390, 40.9952, 52.8110 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 40.1390, 40.9952, 52.8110 by changing the saturation by 10% instead.

■ 40.1390, 40.9952,
52.8110

■ 40.1390, 40.9952,
52.8110

337.8335,
350.3006, 414.6053

■ 27.8316, 28.3153,
37.2652

■ 74.6581, 76.6766,
95.7649

■ 18.3386, 18.5635,
25.1155

97.6006, 100.4469,
124.0102

■ 11.2945, 11.3553,
15.9433

124.8188,
128.6829, 157.3256

■ 6.3340, 6.3063,
9.3301

156.6781,
161.7688, 196.1298

■ 3.0918, 3.0322,
4.8574

193.5439,
200.0892, 240.8414

■ 1.2025, 1.1486,
2.1066

235.7815,

■ 0.1083, 0.0191,

244.0283, 291.8788

0.6197

283.7562,
293.9706, 349.6606

■ 0.0000, 0.0000,
0.0000

■ 40.1390, 40.9952,
52.8110

■ 40.1390, 40.9952,
52.8110

■ 33.2978, 32.6303,
51.5576

■ 47.9919, 50.6241,
54.2563

■ 27.4237, 25.4720,
50.4855

■ 56.8914, 61.5609,
55.8983

■ 22.4741, 19.4661,
49.5871

■ 66.8754, 73.8539,
57.7448

■ 18.4018, 14.5523,
48.8533

■ 77.9787, 87.5473,
59.8027

■ 15.1556, 10.6650,
48.2741

■ 85.9698, 96.3679,
61.0841

■ 12.6788, 7.7314,
47.8384

■ 10.9076, 5.6690,
47.5336

■ 9.7680, 4.3814,
47.3452

■ 9.1482, 3.7073,
47.2477

Harmonies

Analogous

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



38.6247, 40.9952, 53.5195



40.1390, 40.9952, 52.8110



41.3673, 40.9952, 49.8487

Triad

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



40.1390, 40.9952, 52.8110



40.7444, 40.9952, 38.2267



36.1209, 40.9952, 43.6674

Complementary

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



40.1390, 40.9952, 52.8110



45.2770, 48.8830, 45.0811

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.



36.6570, 40.9952, 39.8015



40.1390, 40.9952, 52.8110



39.3067, 40.9952, 36.7957

Square

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



40.1390, 40.9952, 52.8110



41.7231, 40.9952, 41.3891



37.8135, 40.9952, 37.3529



36.3306, 40.9952, 48.0501

Rectangle

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



40.1390, 40.9952, 52.8110



41.8454, 40.9952, 47.0923



37.8135, 40.9952, 37.3529



36.2194, 40.9952, 42.2681

Sweetspot

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



40.1402, 40.9969, 52.8119



80.1642, 83.5644, 96.1058



43.1389, 47.3159, 53.8735



17.4008, 18.0924, 21.1176



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.



40.1402, 40.9969, 52.8119



69.1838, 70.1115, 94.0879



42.0171, 41.9645, 52.8997



9.0670, 9.2514, 11.9800



6.2964, 2.5320, 32.5498



0.2646, 0.1084, 1.2758

Inverse Universe

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



43.7325, 42.8611, 52.4241



76.9882, 74.1619, 93.2297



43.3071, 47.8675, 44.9889



9.9051, 9.6863, 11.8893



19.5303, 9.4433, 29.1501



0.7724, 0.3729, 1.1809

Previews

White Background



This preview shows how the XYZ color 40.1390, 40.9952, 52.8110 looks on a white background.

Color Contrast Check

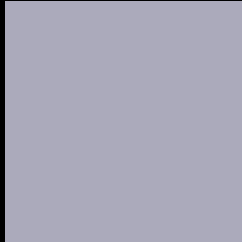
Large Text (above 18pt) WCAG AA × Fail

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 40.1390, 40.9952, 52.8110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

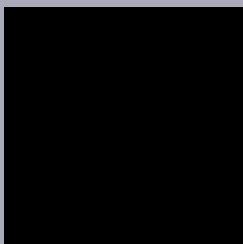
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

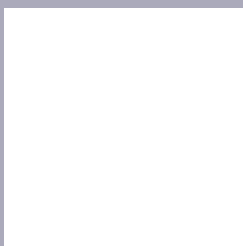
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1390, 40.9952, 52.8110

Background



This preview shows how black text looks on a background with the XYZ color 40.1390, 40.9952, 52.8110.

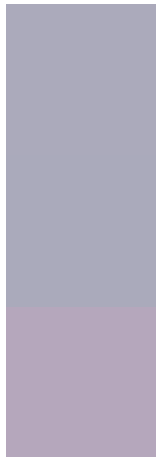


This preview shows how white text looks on a background with the XYZ color 40.1390, 40.9952,

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

40.1390, 40.9952, 52.8110

Protanopia

39.9219, 40.8834, 52.8009

Deuteranopia

41.9519, 41.0920, 53.2974



Tritanopia

39.8210, 40.8681, 51.1369

Trichromacy



Original Color

40.1390, 40.9952, 52.8110

Protanomaly

39.9219, 40.8834, 52.8009

Deuteranomaly

41.2112, 40.9832, 53.3154

Tritanomaly

39.9263, 40.9102, 51.6911

Monochromacy



Original Color

40.1390, 40.9952, 52.8110

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5120, 41.0708, 47.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1390, 40.9952, 52.8110 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(171, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 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(171, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 187) }
```

Border

The CSS property to change the border of an element to XYZ 40.1390, 40.9952, 52.8110 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(171, 170, 187) }
```


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

```
.border{ border-color:rgb(171, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1390, 40.9952, 52.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 187) }
```

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

```
.background{ background-color: rgb(171,  
170, 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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