

Converting Colors

XYZ(37.5106, 32.3650, 54.7221)

Have a look what the booklet for
XYZ(37.5106, 32.3650, 54.7221)
contains.

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Color

**XYZ(37.5106, 32.3650,
54.7221)**

Conversions

Conversions Part 1

Format	Color
Hex	B28DC1
RGB	178, 141, 193
RGB Percent	70%, 55%, 76%
CMY	0.3020, 0.4470, 0.2431
CMYK	0.08, 0.27, 0.00, 0.24
HSL	283°, 30%, 65%
HSV	283°, 27%, 76%
XYZ	37.5106, 32.3650, 54.7221
YIQ	157.9910, 5.3600, 24.0160

Conversions

Conversions Part 2

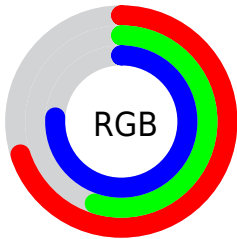
Format	Color
RYB	178, 141, 193
Decimal	11701697
CIELab	63.64, 23.46, -21.70
CIELCh	64, 31.957, 317.241
Yxy	32.3650, 0.3011, 0.2598
Android (android.graphics.Color)	4289891777 (0xFFB28DC1)
YUV	157.9910, 17.2594, 17.5479
Hunter-Lab	56.8902, 18.1361, -17.2072

Details

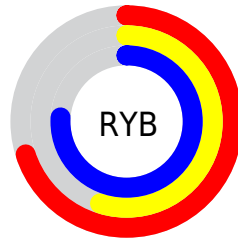
The XYZ color **37.5106, 32.3650, 54.7221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5891, 47.1317, 32.3170**, and the grayscale version is **32.4187, 34.1070, 37.1425**.

A 20% lighter version of the original color is **70.7021, 63.4248, 98.9583**, and **16.7738, 13.5364, 26.1548** is the 20% darker color. If you saturate the color by 10%, you get **33.6576, 26.5166, 53.7968**, and if you desaturate by 10%, it is **41.9134, 39.2347, 55.8165**.

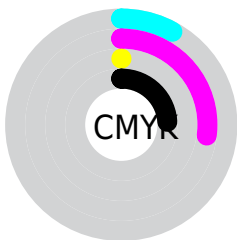
Distribution



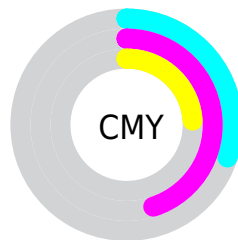
- Red (70%)
- Green (55%)
- Blue (76%)



- Red (70%)
- Yellow (55%)
- Blue (76%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5106, 32.3650, 54.7221 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 37.5106, 32.3650, 54.7221 by changing the saturation by 10% instead.

■ 37.5106, 32.3650,
54.7221

■ 37.5106, 32.3650,
54.7221

326.8332,
312.7786, 422.1099

■ 25.7786, 21.6404,
38.7822

■ 70.6661, 63.3829,
98.6007

■ 16.7899, 13.5929,
26.2838

■ 92.8204, 84.4449,
127.3765

■ 10.1792, 7.8381,
16.8084

■ 119.1793,
109.7217, 161.2680

■ 5.5811, 3.9915,
9.9375

150.1084,
139.5974, 200.6937

■ 2.6303, 1.6688,
5.2525

185.9730,
174.4566, 246.0722

■ 0.9614, 0.4033,
2.3348

227.1384,

■ 0.0000, 0.0000,

214.6836, 297.8221

0.7506

273.9700,
260.6628, 356.3618

■ 0.0000, 0.0000,
0.0000

■ 37.5106, 32.3650,
54.7221

■ 37.5106, 32.3650,
54.7221

■ 33.6576, 26.5166,
53.7968

■ 41.9134, 39.2347,
55.8165

■ 30.3251, 21.6336,
53.0299

■ 46.8873, 47.1695,
57.0859

■ 27.4852, 17.6609,
52.4128

■ 52.4563, 56.2158,
58.5385

■ 25.1065, 14.5362,
51.9350

■ 58.6421, 66.4159,
60.1813

■ 23.1532, 12.1890,
51.5850

■ 65.4650, 77.8099,
62.0210

■ 21.5839, 10.5375,
51.3489

■ 72.3662, 89.2792,
63.8711

■ 20.3422, 9.4699,
51.2083

■ 73.9931, 90.1179,
63.9472

■ 19.9959, 9.1963,
51.1737

■ 75.6759, 90.9854,
64.0260

■ 77.4150, 91.8820,
64.1073

Harmonies

Analogous

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



33.3792, 32.3650, 64.3483



37.5106, 32.3650, 54.7221



39.9246, 32.3650, 40.9576

Triad

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



37.5106, 32.3650, 54.7221



32.6985, 32.3650, 16.2782



23.2649, 32.3650, 43.0472

Complementary

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



37.5106, 32.3650, 54.7221



37.5891, 47.1317, 32.3170

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.



23.1208, 32.3650, 30.0809



37.5106, 32.3650, 54.7221



28.2852, 32.3650, 16.5776

Square

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



37.5106, 32.3650, 54.7221



36.9709, 32.3650, 20.0862



24.8756, 32.3650, 21.0363



25.2903, 32.3650, 56.5673

Rectangle

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



37.5106, 32.3650, 54.7221



40.0957, 32.3650, 32.2287



24.8756, 32.3650, 21.0363



23.0023, 32.3650, 38.4332

Sweetspot

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



37.5116, 32.3664, 54.7228



82.8652, 82.6952, 101.9546



32.6008, 33.4932, 55.1991



17.4767, 17.2584, 21.7954



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.



37.5116, 32.3664, 54.7228



63.2272, 51.9234, 97.0501



40.0238, 33.7908, 48.9954



10.2051, 10.0969, 12.6959



13.3817, 6.1590, 34.0401



0.6436, 0.2998, 1.4738

Inverse Universe

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



37.5190, 32.7889, 35.8054



63.3761, 52.8797, 57.3187



35.6741, 46.0509, 36.4587



10.1900, 10.1246, 11.0912



15.1274, 7.7407, 3.3171



0.6844, 0.3468, 0.3055

Previews

White Background



This preview shows how the XYZ color 37.5106, 32.3650, 54.7221 looks on a white background.

Color Contrast Check

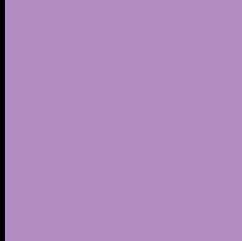
Large Text (above 18pt) WCAG AA × Fail

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 37.5106, 32.3650, 54.7221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

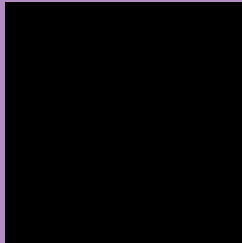
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5106, 32.3650, 54.7221

Background



This preview shows how black text looks on a background with the XYZ color 37.5106, 32.3650, 54.7221.



This preview shows how white text looks on a background with the XYZ color 37.5106, 32.3650,

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

37.5106, 32.3650, 54.7221

Protanopia

32.9184, 32.6622, 59.8278

Deuteranopia

33.2331, 32.4741, 53.8068



Tritanopia

33.9253, 32.2549, 37.2386

Trichromacy



Original Color

37.5106, 32.3650, 54.7221

Protanomaly

34.2669, 32.4421, 57.8820

Deuteranomaly

34.6461, 32.2503, 54.2681

Tritanomaly

35.1553, 32.3050, 42.9107

Monochromacy



Original Color

37.5106, 32.3650, 54.7221

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.0960, 33.3961, 43.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5106, 32.3650, 54.7221 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(178, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 141, 193)  
}
```

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(178, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 141, 193) }
```

Border

The CSS property to change the border of an element to XYZ 37.5106, 32.3650, 54.7221 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(178, 141, 193) }
```


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

```
.border{ border-color:rgb(178, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 141, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 141, 193); box-shadow:4px 4px 4px 4px rgb(178, 141, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5106, 32.3650, 54.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 141, 193) }
```

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

```
.background{ background-color: rgb(178,  
141, 193) }
```

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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