

Converting Colors

XYZ(35.5837, 28.5240, 52.9204)

Have a look what the booklet for
XYZ(35.5837, 28.5240, 52.9204)
contains.

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Color

**XYZ(35.5837, 28.5240,
52.9204)**

Conversions

Conversions Part 1

Format	Color
Hex	B37FBF
RGB	179, 127, 191
RGB Percent	70%, 50%, 75%
CMY	0.2980, 0.5019, 0.2510
CMYK	0.06, 0.34, 0.00, 0.25
HSL	289°, 33%, 62%
HSV	289°, 34%, 75%
XYZ	35.5837, 28.5240, 52.9204
YIQ	149.8440, 10.4480, 30.9280

Conversions

Conversions Part 2

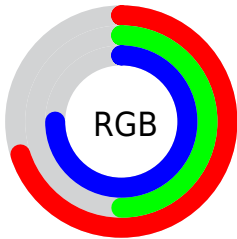
Format	Color
RYB	179, 127, 191
Decimal	11763647
CIELab	60.36, 31.23, -25.59
CIElCh	60, 40.377, 320.664
Yxy	28.5240, 0.3041, 0.2437
Android (android.graphics.Color)	4289953727 (0xFFB37FBF)
YUV	149.8440, 20.2899, 25.5698
Hunter-Lab	53.4079, 25.4642, -21.3633

Details

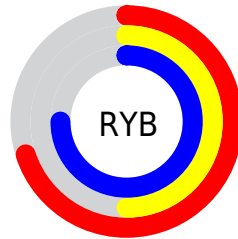
The XYZ color **35.5837, 28.5240, 52.9204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.1100, 44.2836, 26.8825**, and the grayscale version is **28.8377, 30.3396, 33.0398**.

A 20% lighter version of the original color is **67.8566, 57.2527, 96.2814**, and **15.6267, 11.4739, 25.0580** is the 20% darker color. If you saturate the color by 10%, you get **32.5301, 23.6291, 52.1370**, and if you desaturate by 10%, it is **39.1283, 34.3676, 53.8619**.

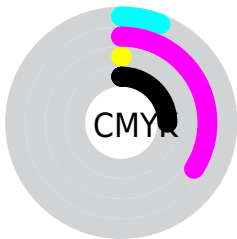
Distribution



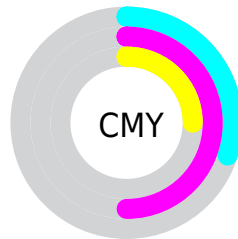
- Red (70%)
- Green (50%)
- Blue (75%)



- Red (70%)
- Yellow (50%)
- Blue (75%)



- Cyan (6%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (30%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5837, 28.5240, 52.9204 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 35.5837, 28.5240, 52.9204 by changing the saturation by 10% instead.

■ 35.5837, 28.5240,
52.9204

■ 35.5837, 28.5240,
52.9204

318.6004,
294.9624, 415.0373

■ 24.2815, 18.7210,
37.3519

■ 67.7171, 57.3200,
95.9276

■ 15.6684, 11.4689,
25.1822

■ 89.2790, 77.0817,
124.2034

■ 9.3792, 6.3831,
15.9926

■ 114.9915,
100.9319, 157.5521

■ 5.0484, 3.0794,
9.3646

145.2199,
129.2548, 196.3921

■ 2.3107, 1.1733,
4.8797

180.3297,
162.4350, 241.1422

■ 0.8002, 0.0398,
2.1194

220.6861,

■ 0.0000, 0.0000,

200.8567, 292.2207

0.6273

266.6546,
244.9043, 350.0462

■ 0.0000, 0.0000,
0.0000

■ 35.5837, 28.5240,
52.9204

■ 35.5837, 28.5240,
52.9204

■ 32.5301, 23.6291,
52.1370

■ 39.1283, 34.3676,
53.8619

■ 29.9380, 19.6262,
51.5009

■ 43.1855, 41.2052,
54.9679

■ 27.7791, 16.4581,
51.0032

■ 47.7794, 49.0834,
56.2464

■ 26.0204, 14.0594,
50.6329

■ 52.9312, 58.0450,
57.7047

■ 24.6244, 12.3551,
50.3775

■ 58.6612, 68.1303,
59.3493

■ 23.5456, 11.2544,
50.2219

■ 64.9887, 79.3773,
61.1867

■ 22.9578, 10.7488,
50.1553

■ 70.0851, 88.1289,
62.6073

■ 71.0785, 88.6410,
62.6538

■ 72.0947, 89.1649,
62.7014

Harmonies

Analogous

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



30.7867, 28.5240, 66.2013



35.5837, 28.5240, 52.9204



38.1966, 28.5240, 35.9281

Triad

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



35.5837, 28.5240, 52.9204



28.7623, 28.5240, 10.5333



18.8060, 28.5240, 42.2721

Complementary

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



35.5837, 28.5240, 52.9204



33.1100, 44.2836, 26.8825

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.



18.4094, 28.5240, 26.6488



35.5837, 28.5240, 52.9204



23.7405, 28.5240, 11.2593

Square

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



35.5837, 28.5240, 52.9204



33.9404, 28.5240, 13.7846



20.1031, 28.5240, 16.2377



21.2657, 28.5240, 58.8161

Rectangle

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



35.5837, 28.5240, 52.9204



38.1462, 28.5240, 26.0646



20.1031, 28.5240, 16.2377



18.4404, 28.5240, 36.6511

Sweetspot

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



35.5846, 28.5252, 52.9210



79.9904, 78.3104, 99.1786



27.5064, 26.9726, 53.0471



17.3153, 16.7695, 21.7095



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.



35.5846, 28.5252, 52.9210



59.7459, 44.6706, 93.7525



36.5033, 29.2271, 42.6474



9.7498, 9.6034, 12.0120



15.1511, 7.0967, 32.9642



0.6396, 0.3018, 1.2934

Inverse Universe

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



33.7363, 28.1204, 28.0770



56.1071, 43.9351, 42.0635



32.5880, 43.8559, 34.0244



9.6013, 9.5648, 10.2894



14.3500, 7.3712, 1.8710



0.5845, 0.2977, 0.1914

Previews

White Background



This preview shows how the XYZ color 35.5837, 28.5240, 52.9204 looks on a white background.

Color Contrast Check

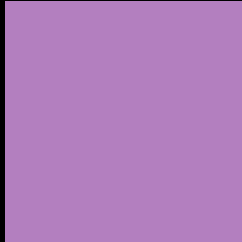
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5837, 28.5240, 52.9204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

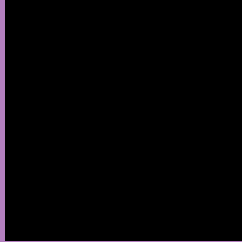
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5837, 28.5240, 52.9204

Background



This preview shows how black text looks on a background with the XYZ color 35.5837, 28.5240, 52.9204.



This preview shows how white text looks on a background with the XYZ color 35.5837, 28.5240,

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

35.5837, 28.5240, 52.9204

Protanopia

29.7744, 28.8953, 61.1348

Deuteranopia

29.3808, 28.6790, 51.5640



Tritanopia

31.2260, 28.5679, 31.0625

Trichromacy



Original Color

35.5837, 28.5240, 52.9204

Protanomaly

31.4299, 28.5035, 57.8780

Deuteranomaly

31.2678, 28.3377, 51.9659

Tritanomaly

32.5883, 28.4977, 37.9654

Monochromacy



Original Color

35.5837, 28.5240, 52.9204

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.1625, 29.6397, 39.6759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5837, 28.5240, 52.9204 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(179, 127, 191)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 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(179, 127, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.5837, 28.5240, 52.9204 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(179, 127, 191) }
```


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

```
.border{ border-color:rgb(179, 127, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 191);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5837, 28.5240, 52.9204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 191) }
```

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

```
.background{ background-color: rgb(179,  
127, 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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