

Converting Colors

XYZ(53.6385, 37.8256, 77.4002)

Have a look what the booklet for
XYZ(53.6385, 37.8256, 77.4002)
contains.

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Color

**XYZ(53.5263, 37.8422,
77.1562)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E382E3 |
| RGB | 227, 130, 227 |
| RGB Percent | 89%, 51%, 89% |
| CMY | 0.1098, 0.4902, 0.1098 |
| CMYK | 0.00, 0.43, 0.00, 0.11 |
| HSL | 300°, 63%, 70% |
| HSV | 300°, 43%, 89% |
| XYZ | 53.5263, 37.8422, 77.1562 |
| YIQ | 170.0610, 26.6750, 50.7310 |

Conversions

Conversions Part 2

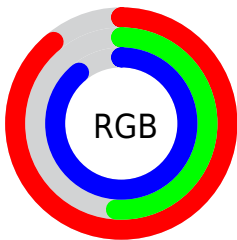
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 227, 130, 227 |
| Decimal | 14910179 |
| CIE _{Lab} | 67.90, 51.25, -33.64 |
| CIE _{LCh} | 68, 61.303, 326.714 |
| Yxy | 37.8422, 0.3176, 0.2245 |
| Android (android.graphics.Color) | 4293100259 (0xFFE382FE) |
| YUV | 170.0610, 28.0709, 49.9355 |
| Hunter-Lab | 61.5160, 47.6634, -31.3030 |

Details

The XYZ color **53.5263, 37.8422, 77.1562** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **40.7059, 61.2971, 30.8073**, and the grayscale version is **38.0953, 40.0792, 43.6462**.

A 20% lighter version of the original color is **76.6390, 63.1779, 102.7630**, and **26.5821, 16.7941, 40.3686** is the 20% darker color. If you saturate the color by 10%, you get **50.8338, 32.4563, 76.2590**, and if you desaturate by 10%, it is **56.8873, 44.5634, 78.2770**.

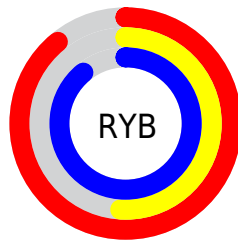
Distribution



Red (89%)

Green (51%)

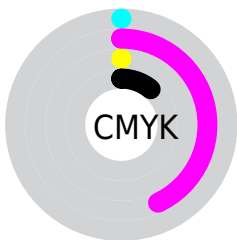
Blue (89%)



Red (89%)

Yellow (51%)

Blue (89%)

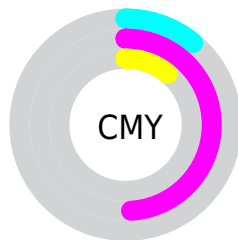


Cyan (0%)

Magenta (43%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5263, 37.8422, 77.1562 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 53.5263, 37.8422, 77.1562 by changing the saturation by 10% instead.


 53.5263, 37.8422,
77.1562


 53.5263, 37.8422,
77.1562


390.5290,
336.9426, 504.7482


 38.4522, 25.8602,
56.8688

 94.5393, 71.8662,
131.1350

 26.5127, 16.7191,
40.4912


 121.2090, 94.6770,
165.6634

 17.3423, 10.0344,
27.6051


 152.4746,
121.8663, 205.7759

 10.5756, 5.4218,
17.7917

188.7015,
153.8184, 251.8910

 5.8474, 2.4968,
10.6327

230.2550,
190.9176, 304.4272

 2.7923, 0.8750,
5.7094

277.5006,

 1.0449, 0.0000,

233.5485, 363.8031

2.6033

330.8034,
282.0953, 430.4373

■ 0.0000, 0.0000,
0.8941

■ 0.0000, 0.0000,
0.0000

■ 53.5263, 37.8422,
77.1562

■ 53.5263, 37.8422,
77.1562

■ 50.8338, 32.4563,
76.2590

■ 56.8873, 44.5634,
78.2770

■ 48.7617, 28.3122,
75.5682

■ 60.9533, 52.6953,
79.6325


■ 47.2616, 25.3121,
75.0680


■ 65.7626, 62.3137,
81.2356


■ 46.2764, 23.3417,
74.7395


■ 71.3495, 73.4877,
83.0981


 45.7370, 22.2629,
74.5596


 77.7466, 86.2817,
85.2305

 45.5441, 21.8772,
74.4952

 81.3044, 93.3973,
86.4166

 81.3044, 93.3973,
86.4167

 81.3044, 93.3973,
86.4168

 81.3044, 93.3973,
86.4169

Harmonies

Analogous

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



44.8325, 37.8422, 107.9412



53.5263, 37.8422, 77.1562



57.4925, 37.8422, 44.2798

Triad

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



53.5263, 37.8422, 77.1562



37.0265, 37.8422, 7.9125



21.9788, 37.8422, 69.5220

Complementary

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



53.5263, 37.8422, 77.1562



40.7059, 61.2971, 30.8073

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.



20.6235, 37.8422, 38.2735



53.5263, 37.8422, 77.1562



28.3563, 37.8422, 9.8899

Square

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



53.5263, 37.8422, 77.1562



46.9687, 37.8422, 11.0955



22.7424, 37.8422, 18.6232



26.8347, 37.8422, 102.3353

Rectangle

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



53.5263, 37.8422, 77.1562



56.4832, 37.8422, 27.9003



22.7424, 37.8422, 18.6232



21.1403, 37.8422, 58.1791

Sweetspot

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



53.5276, 37.8439, 77.1570



85.3714, 80.6429, 105.6736



31.0554, 26.2590, 76.1058



17.9586, 16.6321, 22.5137



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



53.5276, 37.8439, 77.1570



66.6171, 43.1345, 99.4217



47.7489, 35.5324, 46.7267



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4453



1.9628, 0.9428, 3.2105

Inverse Universe

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



53.5276, 37.8439, 77.1570



66.6171, 43.1345, 99.4217



44.7627, 62.9198, 52.1704



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4453



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 53.5263, 37.8422, 77.1562 looks on a white background.

Color Contrast Check

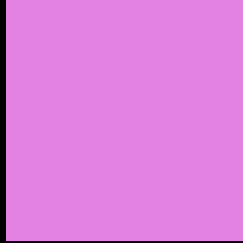
Large Text (above 18pt) WCAG AA × Fail

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 53.5263, 37.8422, 77.1562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

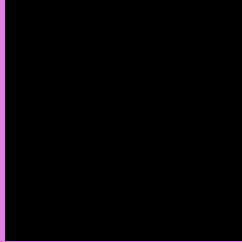
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5263, 37.8422, 77.1562

Background



This preview shows how black text looks on a background with the XYZ color 53.5263, 37.8422, 77.1562.



This preview shows how white text looks on a background with the XYZ color 53.5263, 37.8422,

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

53.5263, 37.8422, 77.1562

Protanopia

40.6583, 38.3546, 98.1888

Deuteranopia

38.9108, 37.9942, 73.6894



Tritanopia

45.2781, 37.8975, 36.8268

Trichromacy



Original Color

53.5263, 37.8422, 77.1562



Protanomaly

43.5442, 36.9897, 90.4326



Deuteranomaly

42.9763, 37.0446, 74.6973



Tritanomaly

47.6404, 37.5057, 48.9844

Monochromacy



Original Color

53.5263, 37.8422, 77.1562



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.6112, 38.2806, 54.4333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5263, 37.8422, 77.1562 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(227, 130, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 130, 227)  
}
```

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(227, 130, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 130, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.5263, 37.8422, 77.1562 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(227, 130, 227) }
```


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

```
.border{ border-color:rgb(227, 130, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 130, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 130, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 130, 227); box-shadow:4px 4px 4px 4px rgb(227, 130, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5263, 37.8422, 77.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 130, 227) }
```

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

```
.background{ background-color: rgb(227,  
130, 227) }
```

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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