

Converting Colors

XYZ(55.2886, 42.2044, 77.0245)

Have a look what the booklet for
XYZ(55.2886, 42.2044, 77.0245)
contains.

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Color

**XYZ(55.3704, 42.2175,
77.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	E292E2
RGB	226, 146, 226
RGB Percent	89%, 57%, 89%
CMY	0.1137, 0.4274, 0.1137
CMYK	0.00, 0.35, 0.00, 0.11
HSL	300°, 58%, 73%
HSV	300°, 35%, 89%
XYZ	55.3704, 42.2175, 77.1820
YIQ	179.0400, 22.0000, 41.8400

Conversions

Conversions Part 2

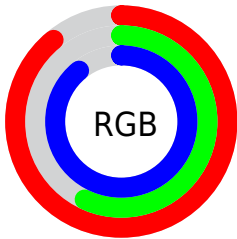
Format	Color
R _Y B	226, 146, 226
Decimal	14848738
CIE Lab	71.02, 42.50, -28.29
CIE LCh	71, 51.056, 326.350
Yxy	42.2175, 0.3168, 0.2416
Android (android.graphics.Color)	4293038818 (0xFFE292E2)
YUV	179.0400, 23.1513, 41.1839
Hunter-Lab	64.9750, 38.4079, -24.9465

Details

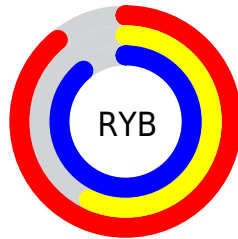
The XYZ color **55.3704, 42.2175, 77.1820** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.2405, 62.5805, 36.9440**, and the grayscale version is **42.7426, 44.9685, 48.9707**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **27.5322, 19.1660, 40.2785** is the 20% darker color. If you saturate the color by 10%, you get **52.2254, 35.9266, 76.1340**, and if you desaturate by 10%, it is **59.2068, 49.8893, 78.4613**.

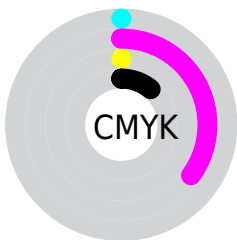
Distribution



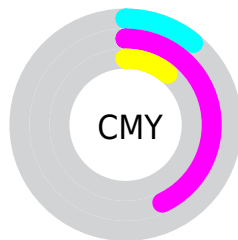
- Red (89%)
- Green (57%)
- Blue (89%)



- Red (89%)
- Yellow (57%)
- Blue (89%)



- Cyan (0%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3704, 42.2175, 77.1820 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 55.3704, 42.2175, 77.1820 by changing the saturation by 10% instead.


 55.3704, 42.2175,
77.1820


 55.3704, 42.2175,
77.1820


397.4281,
355.3838, 504.8385

 39.9334, 29.2716,
56.8898


 97.2286, 78.5287,
131.1717

 27.6706, 19.2864,
40.5080


 124.3805,
102.6628, 165.7063

 18.2167, 11.8774,
27.6181


156.1680,
131.2952, 205.8255

 11.2063, 6.6603,
17.8014

192.9566,
164.8101, 251.9477

 6.2741, 3.2506,
10.6395

235.1115,
203.5920, 304.4916

 3.0547, 1.2639,
5.7139

282.9982,

 1.1827, 0.1130,

248.0254, 363.8757

2.6059

336.9819,
298.4945, 430.5184

■ 0.0927, 0.0000,
0.8955

■ 0.0000, 0.0000,
0.0000

■ 55.3704, 42.2175,
77.1820

■ 55.3704, 42.2175,
77.1820

■ 52.2254, 35.9266,
76.1340

■ 59.2068, 49.8893,
78.4613

■ 49.7268, 30.9295,
75.3010


■ 63.7678, 59.0113,
79.9818


■ 47.8310, 27.1379,
74.6689


■ 69.0896, 69.6548,
81.7559


■ 46.4871, 24.4502,
74.2208


■ 75.2046, 81.8849,
83.7943


 45.6360, 22.7479,
73.9370


 80.8522, 93.1801,
85.6770


 45.2049, 21.8859,
73.7932

 80.8523, 93.1801,
85.6771

 45.0919, 21.6600,
73.7555

 80.8523, 93.1801,
85.6773

 80.8523, 93.1801,
85.6774

 80.8523, 93.1801,
85.6775

Harmonies

Analogous

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



47.8476, 42.2175, 102.1452



55.3704, 42.2175, 77.1820



58.8007, 42.2175, 49.0201

Triad

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



55.3704, 42.2175, 77.1820



41.1786, 42.2175, 13.2395



27.1615, 42.2175, 70.1010

Complementary

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



55.3704, 42.2175, 77.1820



44.2405, 62.5805, 36.9440

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.



25.8948, 42.2175, 43.0447



55.3704, 42.2175, 77.1820



33.2842, 42.2175, 15.4359

Square

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



55.3704, 42.2175, 77.1820



49.9080, 42.2175, 16.9245



27.9736, 42.2175, 24.5596



31.7146, 42.2175, 97.1423

Rectangle

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



55.3704, 42.2175, 77.1820



57.9924, 42.2175, 33.9824



27.9736, 42.2175, 24.5596



26.3677, 42.2175, 60.4839

Sweetspot

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



55.3718, 42.2194, 77.1829



86.7454, 83.3908, 106.1316



35.8623, 32.1619, 76.2703



18.3667, 17.4484, 22.6497



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.



55.3718, 42.2194, 77.1829



69.8641, 49.6284, 100.5040



50.5075, 40.2736, 51.5678



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Inverse Universe

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



55.3718, 42.2194, 77.1829



69.8641, 49.6284, 100.5040



47.9150, 64.0503, 56.2938



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 55.3704, 42.2175, 77.1820 looks on a white background.

Color Contrast Check

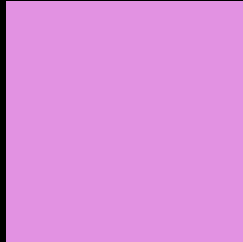
Large Text (above 18pt) WCAG AA × Fail

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 55.3704, 42.2175, 77.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

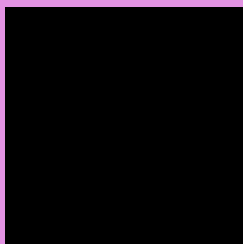
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3704, 42.2175, 77.1820

Background



This preview shows how black text looks on a background with the XYZ color 55.3704, 42.2175, 77.1820.



This preview shows how white text looks on a background with the XYZ color 55.3704, 42.2175,

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

55.3704, 42.2175, 77.1820

Protanopia

43.9965, 42.6769, 92.3048

Deuteranopia

43.3399, 42.4533, 74.3167



Tritanopia

48.6960, 42.4161, 43.6508

Trichromacy



Original Color

55.3704, 42.2175, 77.1820



Protanomaly

46.8899, 41.8324, 86.4920



Deuteranomaly

46.9787, 41.8597, 75.4157



Tritanomaly

50.9741, 42.3585, 54.2046

Monochromacy



Original Color

55.3704, 42.2175, 77.1820



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.5475, 43.3587, 58.1403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3704, 42.2175, 77.1820 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(226, 146, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 226)  
}
```

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(226, 146, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.3704, 42.2175, 77.1820 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(226, 146, 226) }
```


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

```
.border{ border-color:rgb(226, 146, 226) }
```

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

Here you see how a box with a 4 pixel rgb(226, 146, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3704, 42.2175, 77.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 226) }
```

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

```
.background{ background-color: rgb(226,  
146, 226) }
```

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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