

Converting Colors

XYZ(55.2295, 41.8348, 77.3340)

Have a look what the booklet for
XYZ(55.2295, 41.8348, 77.3340)
contains.

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Color

**XYZ(55.2169, 41.9105,
77.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	E291E2
RGB	226, 145, 226
RGB Percent	89%, 57%, 89%
CMY	0.1137, 0.4314, 0.1137
CMYK	0.00, 0.36, 0.00, 0.11
HSL	300°, 58%, 73%
HSV	300°, 36%, 89%
XYZ	55.2169, 41.9105, 77.1308
YIQ	178.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

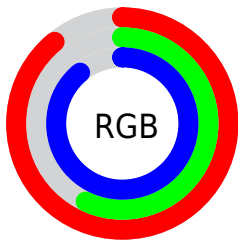
Format	Color
R _{YB}	226, 145, 226
Decimal	14848482
CIE _{Lab}	70.81, 43.03, -28.62
CIE _{LCh}	71, 51.673, 326.373
Yxy	41.9105, 0.3169, 0.2405
Android (android.graphics.Color)	4293038562 (0xFFE291E2)
YUV	178.4530, 23.4407, 41.6987
Hunter-Lab	64.7383, 38.9550, -25.3227

Details

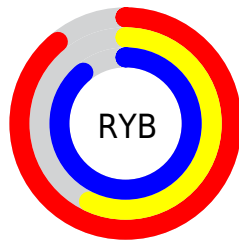
The XYZ color **55.2169, 41.9105, 77.1308** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **43.9860, 62.4583, 36.5277**, and the grayscale version is **42.4294, 44.6390, 48.6119**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **27.4450, 18.9916, 40.2494** is the 20% darker color. If you saturate the color by 10%, you get **52.1014, 35.6787, 76.0926**, and if you desaturate by 10%, it is **59.0220, 49.5197, 78.3997**.

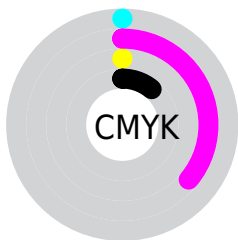
Distribution



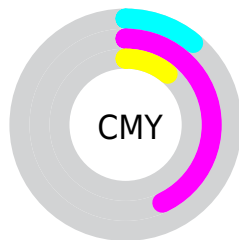
- Red (89%)
- Green (57%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2169, 41.9105, 77.1308 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 55.2169, 41.9105, 77.1308 by changing the saturation by 10% instead.

55.2169, 41.9105,
77.1308

55.2169, 41.9105,
77.1308

396.8566,
354.1118, 504.6594

39.8099, 29.0312,
56.8480

97.0051, 78.0642,
131.0988

27.5739, 19.1044,
40.4747

124.1171,
102.1073, 165.6211

18.1435, 11.7458,
27.5923

155.8615,
130.6406, 205.7270

11.1534, 6.5708,
17.7822

192.6036,
164.0483, 251.8351

6.2382, 3.1952,
10.6259

234.7089,
202.7149, 304.3638

3.0325, 1.2345,
5.7049

282.5425,

1.1710, 0.0896,

247.0247, 363.7317

2.6006

336.4700,
297.3622, 430.3574

■ 0.0833, 0.0000,
0.8928

■ 0.0000, 0.0000,
0.0000

■ 55.2169, 41.9105,
77.1308

■ 55.2169, 41.9105,
77.1308

■ 52.1014, 35.6787,
76.0926

■ 59.0220, 49.5197,
78.3997

■ 49.6305, 30.7369,
75.2688


■ 63.5501, 58.5760,
79.9092


■ 47.7602, 26.9964,
74.6453


■ 68.8375, 69.1507,
81.6719


■ 46.4395, 24.3549,
74.2049


■ 74.9168, 81.3093,
83.6984


 45.6086, 22.6932,
73.9278


 80.8522, 93.1801,
85.6770


 45.1940, 21.8641,
73.7894

 80.8523, 93.1801,
85.6772

 45.0919, 21.6600,
73.7554

 80.8523, 93.1801,
85.6773

 80.8523, 93.1801,
85.6775

 80.8524, 93.1801,
85.6776

Harmonies

Analogous

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



47.6245, 41.9105, 102.4265



55.2169, 41.9105, 77.1308



58.6791, 41.9105, 48.6893

Triad

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



55.2169, 41.9105, 77.1308



40.8879, 41.9105, 12.8498



26.8030, 41.9105, 70.0130

Complementary

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



55.2169, 41.9105, 77.1308



43.9860, 62.4583, 36.5277

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.



25.5302, 41.9105, 42.7081



55.2169, 41.9105, 77.1308



32.9443, 41.9105, 15.0359

Square

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



55.2169, 41.9105, 77.1308



49.6907, 41.9105, 16.5079



27.6127, 41.9105, 24.1446



31.3765, 41.9105, 97.3856

Rectangle

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



55.2169, 41.9105, 77.1308



57.8593, 41.9105, 33.5649



27.6127, 41.9105, 24.1446



26.0060, 41.9105, 60.2951

Sweetspot

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



55.2183, 41.9124, 77.1317



86.7454, 83.3908, 106.1316



35.5318, 31.7636, 76.2109



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.



55.2183, 41.9124, 77.1317



69.4688, 48.8379, 100.3722



50.3009, 39.9454, 51.2371



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Inverse Universe

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



55.2183, 41.9124, 77.1317



69.4688, 48.8379, 100.3722



47.6849, 63.9378, 56.0060



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 55.2169, 41.9105, 77.1308 looks on a white background.

Color Contrast Check

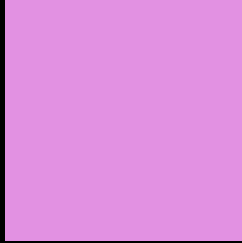
Large Text (above 18pt) WCAG AA × Fail

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 55.2169, 41.9105, 77.1308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

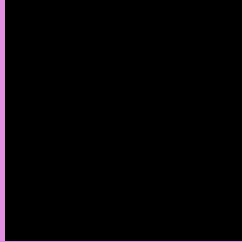
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2169, 41.9105, 77.1308

Background



This preview shows how black text looks on a background with the XYZ color 55.2169, 41.9105, 77.1308.

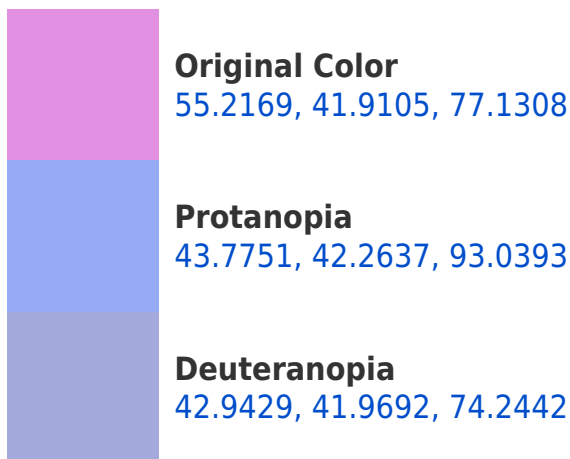


This preview shows how white text looks on a background with the XYZ color 55.2169, 41.9105,

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





Tritanopia

48.1318, 41.8839, 43.0837

Trichromacy



Original Color

55.2169, 41.9105, 77.1308



Protanomaly

46.8604, 41.5376, 87.2091



Deuteranomaly

46.5577, 41.3822, 75.3458



Tritanomaly

50.5043, 41.8723, 54.1355

Monochromacy



Original Color

55.2169, 41.9105, 77.1308



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.9922, 42.8147, 57.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2169, 41.9105, 77.1308 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, 145, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 145, 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, 145, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 145, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.2169, 41.9105, 77.1308 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, 145, 226) }
```


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

```
.border{ border-color:rgb(226, 145, 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, 145, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 145, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 145, 226); box-shadow:4px 4px 4px 4px rgb(226, 145, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2169, 41.9105, 77.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 145, 226) }
```

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

```
.background{ background-color: rgb(226,  
145, 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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