

Converting Colors

XYZ(55.2393, 40.7782, 71.3762)

Have a look what the booklet for
XYZ(55.2393, 40.7782, 71.3762)
contains.

XYZ(55.1662, 40.6830, 71.2747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.1662, 40.6830,
71.2747)**

Conversions

Conversions Part 1

Format	Color
Hex	E88BDA
RGB	232, 139, 218
RGB Percent	91%, 55%, 85%
CMY	0.0902, 0.4549, 0.1451
CMYK	0.00, 0.40, 0.06, 0.09
HSL	309°, 67%, 73%
HSV	309°, 40%, 91%
XYZ	55.1662, 40.6830, 71.2747
YIQ	175.8130, 30.0690, 44.2850

Conversions

Conversions Part 2

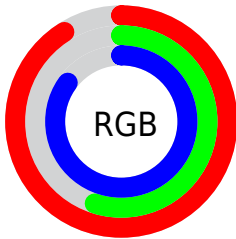
Format	Color
R _Y B	232, 139, 218
Decimal	15240154
CIE Lab	69.95, 46.59, -25.46
CIE LCh	70, 53.091, 331.343
Yxy	40.6830, 0.3301, 0.2434
Android (android.graphics.Color)	4293430234 (0xFFE88BDA)
YUV	175.8130, 20.7982, 49.2760
Hunter-Lab	63.7832, 42.7642, -21.6055

Details

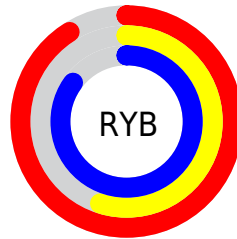
The XYZ color **55.1662, 40.6830, 71.2747** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **45.2556, 65.5034, 40.3977**, and the grayscale version is **41.0549, 43.1929, 47.0371**.

A 20% lighter version of the original color is **78.5818, 67.0636, 103.4106**, and **27.6178, 18.4139, 36.7489** is the 20% darker color. If you saturate the color by 10%, you get **51.7047, 34.4830, 67.8898**, and if you desaturate by 10%, it is **59.3527, 48.3160, 74.9496**.

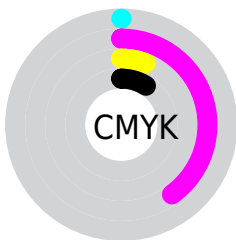
Distribution



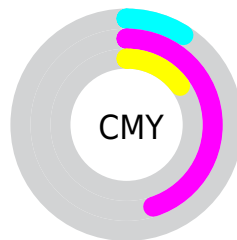
- Red (91%)
- Green (55%)
- Blue (85%)



- Red (91%)
- Yellow (55%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1662, 40.6830, 71.2747 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 55.1662, 40.6830, 71.2747 by changing the saturation by 10% instead.


 55.1662, 40.6830,
71.2747


 55.1662, 40.6830,
71.2747


396.6678,
348.9940, 483.9227


 39.7692, 28.0715,
52.0832

 96.9313, 76.2024,
122.7229

 27.5420, 18.3795,
36.6887

 124.0301, 99.8791,
155.8167

 18.1194, 11.2228,
24.6727


 155.7602,
128.0130, 194.3816

 11.1360, 6.2169,
15.6165

192.4870,
160.9885, 238.8362

 6.2263, 2.9774,
9.1018

234.5758,
199.1899, 289.5991

 3.0251, 1.1200,
4.7099

282.3920,

 1.1671, 0.0000,

243.0017, 347.0888

2.0224

336.3008,
292.8083, 411.7238

■ 0.0801, 0.0000,
0.5690

■ 0.0000, 0.0000,
0.0000

■ 55.1662, 40.6830,
71.2747

■ 55.1662, 40.6830,
71.2747

■ 51.7047, 34.4830,
67.8898

■ 59.3527, 48.3160,
74.9496

■ 48.9187, 29.6195,
64.7769

■ 64.3018, 57.4594,
78.9261

■ 46.7587, 25.9929,
61.9197

■ 70.0532, 68.1919,
83.2181

■ 45.1668, 23.4871,
59.2984

■ 76.6426, 80.5847,
87.8378

44.0738, 21.9643,
56.8899

84.1017, 94.7010,
92.7961

43.3656, 21.1906,
54.6722

84.6127, 94.9055,
95.4872

85.1338, 95.1139,
98.2309

85.6648, 95.3263,
101.0275

86.2060, 95.5428,
103.8771

Harmonies

Analogous

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



47.9754, 40.6830, 98.6666



55.1662, 40.6830, 71.2747



57.7812, 40.6830, 43.1902

Triad

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



55.1662, 40.6830, 71.2747



38.2796, 40.6830, 11.7132



26.1373, 40.6830, 73.9621

Complementary

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



55.1662, 40.6830, 71.2747



45.2556, 65.5034, 40.3977

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.



24.3164, 40.6830, 45.4223



55.1662, 40.6830, 71.2747



30.6496, 40.6830, 14.8085

Square

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



55.1662, 40.6830, 71.2747



47.2002, 40.6830, 14.2774



25.8383, 40.6830, 25.1638



31.2314, 40.6830, 100.5824

Rectangle

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



55.1662, 40.6830, 71.2747



56.3097, 40.6830, 29.1308



25.8383, 40.6830, 25.1638



25.1594, 40.6830, 63.9814

Sweetspot

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



55.1675, 40.6848, 71.2755



85.3203, 81.7134, 102.0415



36.9274, 31.0610, 80.3939



18.0550, 17.1029, 21.6890



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.



55.1675, 40.6848, 71.2755



64.7966, 44.0152, 84.8746



49.9161, 38.5843, 43.6222



14.8969, 14.5760, 17.6577



24.1120, 11.7790, 30.5486



1.8072, 0.8806, 2.3913

Inverse Universe

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



55.1675, 40.6848, 71.2755



64.7966, 44.0152, 84.8746



49.8668, 67.3479, 64.6800



14.8969, 14.5760, 17.6577



24.1120, 11.7790, 30.5486



1.8072, 0.8806, 2.3913

Previews

White Background



This preview shows how the XYZ color 55.1662, 40.6830, 71.2747 looks on a white background.

Color Contrast Check

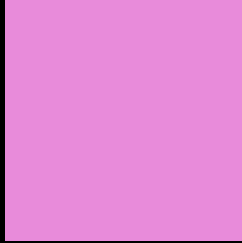
Large Text (above 18pt) WCAG AA × Fail

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 55.1662, 40.6830, 71.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

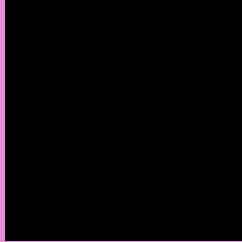
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1662, 40.6830, 71.2747

Background



This preview shows how black text looks on a background with the XYZ color 55.1662, 40.6830, 71.2747.



This preview shows how white text looks on a background with the XYZ color 55.1662, 40.6830,

71.2747.

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

55.1662, 40.6830, 71.2747

Protanopia

42.3106, 41.0568, 88.1328

Deuteranopia

41.9492, 41.0248, 68.6584



Tritanopia

48.6395, 40.7494, 39.4843

Trichromacy



Original Color

55.1662, 40.6830, 71.2747



Protanomaly

45.3828, 39.8636, 81.6464



Deuteranomaly

45.8086, 40.0966, 69.6150



Tritanomaly

50.8721, 40.7388, 49.4381

Monochromacy



Original Color

55.1662, 40.6830, 71.2747



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

45.2661, 41.6917, 54.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1662, 40.6830, 71.2747 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(232, 139, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 218)  
}
```

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(232, 139, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.1662, 40.6830, 71.2747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

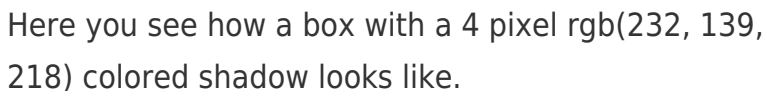
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 139, 218) }
```


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

```
.border{ border-color:rgb(232, 139, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(232, 139, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 139, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 139, 218); box-shadow:4px 4px 4px 4px rgb(232, 139, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1662, 40.6830, 71.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 218) }
```

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

```
.background{ background-color: rgb(232,  
139, 218) }
```

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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