

Converting Colors

XYZ(55.6938, 41.5747, 75.8732)

Have a look what the booklet for
XYZ(55.6938, 41.5747, 75.8732)
contains.

XYZ(55.7607, 41.5508, 75.6022)	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(55.7607, 41.5508,
75.6022)**

Conversions

Conversions Part 1

Format	Color
Hex	E68EE0
RGB	230, 142, 224
RGB Percent	90%, 56%, 88%
CMY	0.0980, 0.4431, 0.1216
CMYK	0.00, 0.38, 0.03, 0.10
HSL	304°, 64%, 73%
HSV	304°, 38%, 90%
XYZ	55.7607, 41.5508, 75.6022
YIQ	177.6600, 26.1260, 44.1580

Conversions

Conversions Part 2

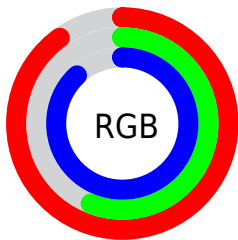
Format	Color
R _Y B	230, 142, 224
Decimal	15109856
CIE Lab	70.56, 45.46, -27.86
CIE LCh	71, 53.322, 328.501
Yxy	41.5508, 0.3225, 0.2403
Android (android.graphics.Color)	4293299936 (0xFFE68EE0)
YUV	177.6600, 22.8456, 45.9022
Hunter-Lab	64.4599, 41.6056, -24.4167

Details

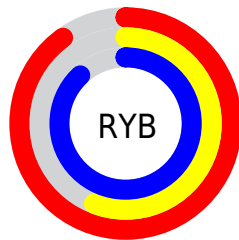
The XYZ color **55.7607, 41.5508, 75.6022** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **44.7992, 64.4840, 38.1049**, and the grayscale version is **42.0122, 44.2001, 48.1339**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **27.9674, 18.8936, 39.7089** is the 20% darker color. If you saturate the color by 10%, you get **52.4739, 35.3152, 73.4623**, and if you desaturate by 10%, it is **59.7581, 49.2028, 77.9895**.

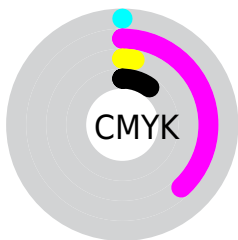
Distribution



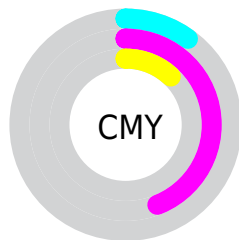
- Red (90%)
- Green (56%)
- Blue (88%)



- Red (90%)
- Yellow (56%)
- Blue (88%)



- Cyan (0%)
- Magenta (38%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7607, 41.5508, 75.6022 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 55.7607, 41.5508, 75.6022 by changing the saturation by 10% instead.

55.7607, 41.5508,
75.6022

55.7607, 41.5508,
75.6022

398.8787,
352.6174, 499.2954

40.2473, 28.7497,
55.6017

97.7965, 77.5193,
128.9194

27.9165, 18.8916,
39.4818

125.0496,
101.4556, 163.0731

18.4029, 11.5920,
26.8240

156.9466,
129.8723, 202.7816

11.3410, 6.4665,
17.2098

193.8530,
163.1539, 248.4635

6.3657, 3.1308,
10.2207

236.1340,
201.6849, 300.5373

3.1115, 1.2004,
5.4380

284.1551,

1.2130, 0.0620,

245.8495, 359.4215

2.4433

338.2815,
296.0322, 425.5347

■ 0.1166, 0.0000,
0.8099

■ 0.0000, 0.0000,
0.0000

■ 55.7607, 41.5508,
75.6022

■ 55.7607, 41.5508,
75.6022

■ 52.4739, 35.3152,
73.4623

■ 59.7581, 49.2028,
77.9895

■ 49.8500, 30.4031,
71.5526


■ 64.5022, 58.3457,
80.6349


■ 47.8416, 26.7190,
69.8577


■ 70.0311, 69.0553,
83.5518


■ 46.3936, 24.1525,
68.3592


■ 76.3796, 81.4008,
86.7515


 45.4408, 22.5734,
67.0354


 82.9368, 94.1605,
90.0306


 44.8902, 21.7954,
65.8552

 83.1605, 94.2500,
91.2084

 44.8118, 21.6945,
65.6565

 83.3861, 94.3402,
92.3966

 83.6138, 94.4313,
93.5954

 83.8434, 94.5232,
94.8047

Harmonies

Analogous

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



48.1359, 41.5508, 102.6384



55.7607, 41.5508, 75.6022



58.9525, 41.5508, 46.5221

Triad

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



55.7607, 41.5508, 75.6022



39.9374, 41.5508, 12.0184



26.4033, 41.5508, 72.5503

Complementary

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



55.7607, 41.5508, 75.6022



44.7992, 64.4840, 38.1049

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.



24.8694, 41.5508, 43.9851



55.7607, 41.5508, 75.6022



31.9516, 41.5508, 14.6064

Square

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



55.7607, 41.5508, 75.6022



49.0166, 41.5508, 15.2115



26.7434, 41.5508, 24.3407



31.2902, 41.5508, 100.4638

Rectangle

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



55.7607, 41.5508, 75.6022



57.8243, 41.5508, 31.5327



26.7434, 41.5508, 24.3407



25.5136, 41.5508, 62.4400

Sweetspot

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



55.7620, 41.5527, 75.6031



86.4389, 83.2682, 104.5179



36.1464, 31.3447, 79.0090



18.2931, 17.4190, 22.2620



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.



55.7620, 41.5527, 75.6031



67.0741, 46.0665, 93.3530



50.5596, 39.4717, 48.2072



14.9505, 14.5974, 17.9395



25.3881, 12.2894, 37.2682



1.8889, 0.9133, 2.8216

Inverse Universe

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



55.7620, 41.5527, 75.6031



67.0741, 46.0665, 93.3530



48.9535, 66.1457, 59.9808



14.9505, 14.5974, 17.9395



25.3881, 12.2894, 37.2682



1.8889, 0.9133, 2.8216

Previews

White Background



This preview shows how the XYZ color 55.7607, 41.5508, 75.6022 looks on a white background.

Color Contrast Check

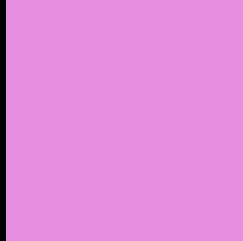
Large Text (above 18pt) WCAG AA × Fail

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 55.7607, 41.5508, 75.6022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

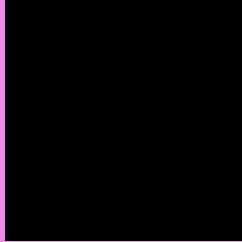
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7607, 41.5508, 75.6022

Background



This preview shows how black text looks on a background with the XYZ color 55.7607, 41.5508, 75.6022.



This preview shows how white text looks on a background with the XYZ color 55.7607, 41.5508,

75.6022.

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

55.7607, 41.5508, 75.6022

Protanopia

43.4037, 41.7928, 92.9680

Deuteranopia

42.8868, 41.9709, 72.8587



Tritanopia

48.8700, 41.5524, 41.5211

Trichromacy



Original Color

55.7607, 41.5508, 75.6022



Protanomaly

46.3635, 40.7796, 86.3166



Deuteranomaly

46.6082, 41.1809, 73.8988



Tritanomaly

51.2400, 41.5693, 52.3367

Monochromacy



Original Color

55.7607, 41.5508, 75.6022



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.3314, 42.7207, 57.4338

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7607, 41.5508, 75.6022 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(230, 142, 224)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 224)  
}
```

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(230, 142, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 224) }
```

Border

The CSS property to change the border of an element to XYZ 55.7607, 41.5508, 75.6022 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(230, 142, 224) }
```


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

```
.border{ border-color:rgb(230, 142, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 142, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 224);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7607, 41.5508, 75.6022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 224) }
```

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

```
.background{ background-color: rgb(230,  
142, 224) }
```

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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