

Converting Colors

XYZ(60.7746, 55.2594, 77.8996)

Have a look what the booklet for
XYZ(60.7746, 55.2594, 77.8996)
contains.

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Color

**XYZ(60.7192, 55.1924,
77.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB8E0
RGB	222, 184, 224
RGB Percent	87%, 72%, 88%
CMY	0.1294, 0.2784, 0.1216
CMYK	0.01, 0.18, 0.00, 0.12
HSL	297°, 39%, 80%
HSV	297°, 18%, 88%
XYZ	60.7192, 55.1924, 77.9740
YIQ	199.9220, 9.8080, 20.4960

Conversions

Conversions Part 2

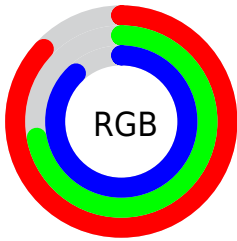
Format	Color
RYB	222, 184, 224
Decimal	14596320
CIELab	79.15, 20.49, -14.88
CIElCh	79, 25.320, 324.011
Yxy	55.1924, 0.3132, 0.2847
Android (android.graphics.Color)	4292786400 (0xFFDEB8E0)
YUV	199.9220, 11.8705, 19.3624
Hunter-Lab	74.2916, 15.8794, -10.2247

Details

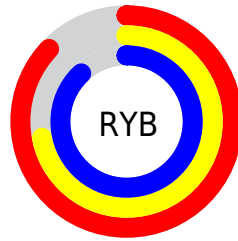
The XYZ color **60.7192, 55.1924, 77.9740** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5592, 67.2126, 55.3953**, and the grayscale version is **54.7782, 57.6309, 62.7600**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.2141, 27.3127, 41.1628** is the 20% darker color. If you saturate the color by 10%, you get **56.0882, 46.4371, 76.5290**, and if you desaturate by 10%, it is **66.0925, 65.4271, 79.6671**.

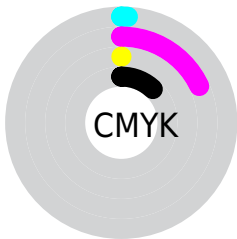
Distribution



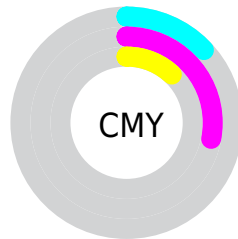
- Red (87%)
- Green (72%)
- Blue (88%)



- Red (87%)
- Yellow (72%)
- Blue (88%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7192, 55.1924, 77.9740 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 60.7192, 55.1924, 77.9740 by changing the saturation by 10% instead.

60.7192, 55.1924,
77.9740

60.7192, 55.1924,
77.9740

417.0361,
406.6408, 507.6041

44.2503, 39.5558,
57.5363

104.9727, 97.8228,
132.2990

31.0661, 27.1924,
41.0237

133.4879,
125.5854, 167.0234

20.8012, 17.7177,
28.0178

166.7493,
158.1587, 207.3471

13.0904, 10.7475,
18.0999

205.1222,
195.9272, 253.6886

7.5683, 5.8973,
10.8516

248.9720,
239.2753, 306.4666

3.8694, 2.7828,
5.8542

298.6640,

1.6285, 1.0194,

288.5873, 366.0994

2.6893

354.5636,
344.2477, 433.0058

■ 0.4109, 0.0000,
0.9380

■ 0.0000, 0.0000,
0.0000

■ 60.7192, 55.1924,
77.9740

■ 60.7192, 55.1924,
77.9740

■ 56.0882, 46.4371,
76.5290

■ 66.0925, 65.4271,
79.6671

■ 52.1600, 39.0849,
75.3169

■ 72.2355, 77.1987,
81.6155

■ 48.8988, 33.0635,
74.3265

■ 79.1803, 90.5704,
83.8305

■ 46.2639, 28.2911,
73.5442

■ 80.7300, 93.1486,
84.2464

44.2099, 24.6773,
72.9549

81.0834, 93.3308,
84.2630

42.6854, 22.1191,
72.5415

81.4391, 93.5141,
84.2796

41.6299, 20.4955,
72.2838

81.7971, 93.6987,
84.2964

40.9593, 19.6384,
72.1537

82.1574, 93.8844,
84.3132

40.8375, 19.4982,
72.1330

82.5200, 94.0714,
84.3302

Harmonies

Analogous

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



56.5123, 55.1924, 89.2645



60.7192, 55.1924, 77.9740



62.7268, 55.1924, 63.0456

Triad

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



60.7192, 55.1924, 77.9740



53.4791, 55.1924, 36.4523



44.0748, 55.1924, 72.1433

Complementary

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



60.7192, 55.1924, 77.9740



55.5592, 67.2126, 55.3953

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.



43.3772, 55.1924, 57.2382



60.7192, 55.1924, 77.9740



48.6038, 55.1924, 38.0927

Square

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



60.7192, 55.1924, 77.9740



58.3777, 55.1924, 40.2756



44.9836, 55.1924, 45.1822



46.9540, 55.1924, 85.5378

Rectangle

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



60.7192, 55.1924, 77.9740



62.4614, 55.1924, 53.6072



44.9836, 55.1924, 45.1822



43.5854, 55.1924, 67.0865

Sweetspot

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



60.7209, 55.1948, 77.9752



90.8824, 92.0125, 107.5779



50.9238, 50.9743, 77.6769



19.3318, 19.4633, 22.9878



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.



60.7209, 55.1948, 77.9752



79.3034, 69.9591, 103.9315



59.1045, 54.6194, 66.2474



14.2238, 13.8989, 17.3208



23.8000, 11.3647, 41.9876



1.6708, 0.7986, 2.9113

Inverse Universe

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



56.7459, 53.6760, 53.8268



73.1461, 67.6092, 66.4017



57.0067, 67.7359, 65.5360



13.7349, 13.7116, 14.3741



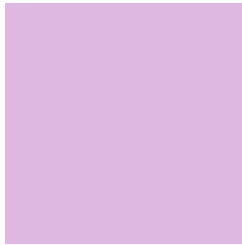
17.9414, 9.2436, 1.0912



1.2535, 0.6447, 0.1279

Previews

White Background



This preview shows how the XYZ color 60.7192, 55.1924, 77.9740 looks on a white background.

Color Contrast Check

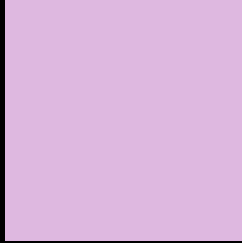
Large Text (above 18pt) WCAG AA × Fail

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 60.7192, 55.1924, 77.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

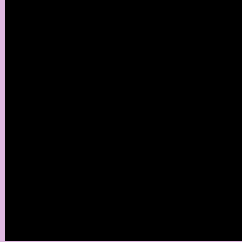
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7192, 55.1924, 77.9740

Background



This preview shows how black text looks on a background with the XYZ color 60.7192, 55.1924, 77.9740.



This preview shows how white text looks on a background with the XYZ color 60.7192, 55.1924,

77.9740.

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

60.7192, 55.1924, 77.9740

Protanopia

54.9252, 55.6186, 83.4419

Deuteranopia

56.5787, 55.2858, 77.5013



Tritanopia

57.8573, 55.2908, 63.4999

Trichromacy



Original Color

60.7192, 55.1924, 77.9740

Protanomaly

56.7218, 55.2805, 81.0794

Deuteranomaly

57.8808, 54.9958, 77.3766

Tritanomaly

58.9184, 55.4094, 68.5625

Monochromacy



Original Color

60.7192, 55.1924, 77.9740

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.8128, 56.5969, 68.2515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7192, 55.1924, 77.9740 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(222, 184, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 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(222, 184, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.7192, 55.1924, 77.9740 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(222, 184, 224) }
```


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

```
.border{ border-color:rgb(222, 184, 224) }
```

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

Here you see how a box with a 4 pixel rgb(222, 184, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7192, 55.1924, 77.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 224) }
```

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

```
.background{ background-color: rgb(222,  
184, 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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