

Converting Colors

XYZ(61.6691, 55.4750, 77.0088)

Have a look what the booklet for
XYZ(61.6691, 55.4750, 77.0088)
contains.

XYZ(61.6168, 55.3634, 77.2507)	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(61.6168, 55.3634,
77.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B7DF
RGB	226, 183, 223
RGB Percent	89%, 72%, 87%
CMY	0.1137, 0.2823, 0.1255
CMYK	0.00, 0.19, 0.01, 0.11
HSL	304°, 43%, 80%
HSV	304°, 19%, 89%
XYZ	61.6168, 55.3634, 77.2507
YIQ	200.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

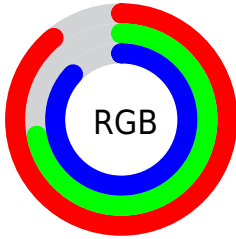
Format	Color
R _Y B	226, 183, 223
Decimal	14858207
CIE Lab	79.25, 22.18, -14.15
CIE LCh	79, 26.308, 327.450
Yxy	55.3634, 0.3172, 0.2850
Android (android.graphics.Color)	4293048287 (0xFFE2B7DF)
YUV	200.4170, 11.1334, 22.4363
Hunter-Lab	74.4066, 17.6060, -9.4717

Details

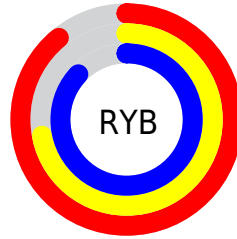
The XYZ color **61.6168, 55.3634, 77.2507** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5899, 68.0068, 56.6541**, and the grayscale version is **55.0861, 57.9548, 63.1128**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **31.6281, 27.3385, 40.6557** is the 20% darker color. If you saturate the color by 10%, you get **57.1134, 46.6943, 74.7060**, and if you desaturate by 10%, it is **66.8740, 65.5350, 80.0577**.

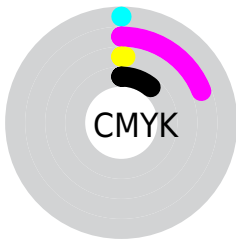
Distribution



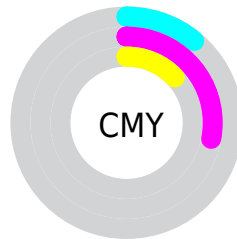
- Red (89%)
- Green (72%)
- Blue (87%)



- Red (89%)
- Yellow (72%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6168, 55.3634, 77.2507 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 61.6168, 55.3634, 77.2507 by changing the saturation by 10% instead.

61.6168, 55.3634,
77.2507

61.6168, 55.3634,
77.2507

420.2718,
407.2880, 505.0787

44.9776, 39.6927,
56.9459

106.2646, 98.0732,
131.2696

31.6410, 27.2991,
40.5527

135.0038,
125.8811, 165.8206

21.2416, 17.7980,
27.6527

168.5071,
158.5036, 205.9576

13.4142, 10.8050,
17.8273

207.1398,
196.3250, 252.0989

7.7933, 5.9359,
10.6579

251.2673,
239.7298, 304.6631

4.0137, 2.8061,
5.7260

301.2549,

1.7099, 1.0314,

289.1022, 364.0688

2.6131

357.4679,
344.8268, 430.7345

■ 0.4624, 0.0000,
0.8992

■ 0.0000, 0.0000,
0.0000

■ 61.6168, 55.3634,
77.2507

■ 61.6168, 55.3634,
77.2507

■ 57.1134, 46.6943,
74.7060

■ 66.8740, 65.5350,
80.0577

■ 53.3230, 39.4492,
72.4080

■ 72.9132, 77.2684,
83.1346

■ 50.2088, 33.5533,
70.3452

■ 79.7674, 90.6285,
86.4930

■ 47.7287, 28.9222,
68.5034

■ 81.3106, 93.3634,
88.0909

45.8356, 25.4621,
66.8670

81.5323, 93.4521,
89.2581

44.4760, 23.0660,
65.4180

81.7559, 93.5416,
90.4359

43.5868, 21.6074,
64.1355

81.9816, 93.6318,
91.6243

43.0693, 20.8892,
62.9864

82.2093, 93.7229,
92.8233

43.0262, 20.8337,
62.8773

82.4390, 93.8148,
94.0330

Harmonies

Analogous

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



57.4234, 55.3634, 89.8182



61.6168, 55.3634, 77.2507



63.3876, 55.3634, 61.5796

Triad

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



61.6168, 55.3634, 77.2507



53.0726, 55.3634, 35.7242



44.1452, 55.3634, 74.6464

Complementary

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



61.6168, 55.3634, 77.2507



55.5899, 68.0068, 56.6541

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.



43.1487, 55.3634, 59.0014



61.6168, 55.3634, 77.2507



48.0946, 55.3634, 38.0540

Square

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



61.6168, 55.3634, 77.2507



58.2537, 55.3634, 39.0105



44.5468, 55.3634, 45.9990



47.3641, 55.3634, 88.1471

Rectangle

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



61.6168, 55.3634, 77.2507



62.8733, 55.3634, 52.0046



44.5468, 55.3634, 45.9990



43.5490, 55.3634, 69.3927

Sweetspot

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



61.6185, 55.3658, 77.2519



90.1904, 90.5551, 106.4345



50.8807, 49.7831, 78.8800



19.1962, 19.1723, 22.7256



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.



61.6185, 55.3658, 77.2519



78.4570, 67.8571, 100.1528



58.9167, 54.2851, 63.0248



14.2516, 13.9183, 17.0950



24.5644, 11.8928, 35.9677



1.7152, 0.8294, 2.5593

Inverse Universe

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



61.6185, 55.3658, 77.2519



78.4570, 67.8571, 100.1528



58.0341, 68.9845, 69.5254



14.2516, 13.9183, 17.0950



24.5644, 11.8928, 35.9677



1.7152, 0.8294, 2.5593

Previews

White Background



This preview shows how the XYZ color 61.6168, 55.3634, 77.2507 looks on a white background.

Color Contrast Check

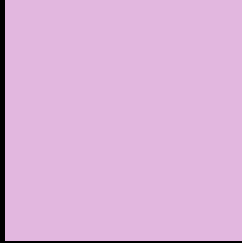
Large Text (above 18pt) WCAG AA × Fail

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 61.6168, 55.3634, 77.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

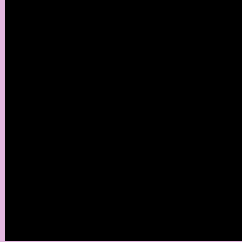
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6168, 55.3634, 77.2507

Background



This preview shows how black text looks on a background with the XYZ color 61.6168, 55.3634, 77.2507.



This preview shows how white text looks on a background with the XYZ color 61.6168, 55.3634,

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

61.6168, 55.3634, 77.2507

Protanopia

55.1741, 55.7469, 83.4535

Deuteranopia

56.5838, 55.3194, 76.1020



Tritanopia

58.7444, 55.4457, 62.8643

Trichromacy



Original Color

61.6168, 55.3634, 77.2507

Protanomaly

57.2630, 55.5595, 81.1048

Deuteranomaly

58.3194, 55.2374, 76.6954

Tritanomaly

59.8080, 55.5686, 67.8952

Monochromacy



Original Color

61.6168, 55.3634, 77.2507

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9714, 56.6929, 67.6146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6168, 55.3634, 77.2507 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, 183, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 183, 223)  
}
```

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, 183, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 183, 223) }
```

Border

The CSS property to change the border of an element to XYZ 61.6168, 55.3634, 77.2507 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, 183, 223) }
```


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

```
.border{ border-color:rgb(226, 183, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 183, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 183, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 183, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 183,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6168, 55.3634, 77.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 183, 223) }
```

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

```
.background{ background-color: rgb(226,  
183, 223) }
```

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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