

Converting Colors

XYZ(65.6375, 62.0874, 77.2588)

Have a look what the booklet for
XYZ(65.6375, 62.0874, 77.2588)
contains.

XYZ(65.6505, 61.9760, 76.9090)	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(65.6505, 61.9760,
76.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C5DD
RGB	230, 197, 221
RGB Percent	90%, 77%, 87%
CMY	0.0980, 0.2274, 0.1333
CMYK	0.00, 0.14, 0.04, 0.10
HSL	316°, 40%, 84%
HSV	316°, 14%, 90%
XYZ	65.6505, 61.9760, 76.9090
YIQ	209.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

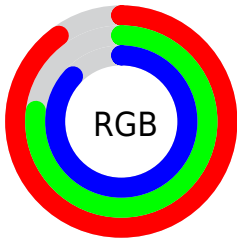
Format	Color
R _Y B	230, 197, 221
Decimal	15123933
CIE Lab	82.90, 15.68, -7.60
CIE LCh	83, 17.428, 334.155
Yxy	61.9760, 0.3210, 0.3030
Android (android.graphics.Color)	4293314013 (0xFFE6C5DD)
YUV	209.6030, 5.6187, 17.8882
Hunter-Lab	78.7248, 11.0869, -2.8151

Details

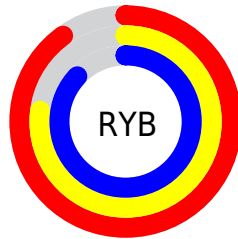
The XYZ color **65.6505, 61.9760, 76.9090** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4658, 72.9218, 69.1790**, and the grayscale version is **60.9588, 64.1334, 69.8413**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **34.1610, 31.3968, 40.3361** is the 20% darker color. If you saturate the color by 10%, you get **60.0014, 51.9897, 70.9793**, and if you desaturate by 10%, it is **72.1313, 73.5738, 83.2715**.

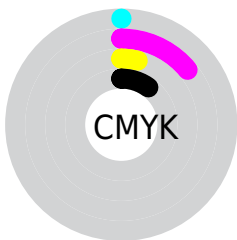
Distribution



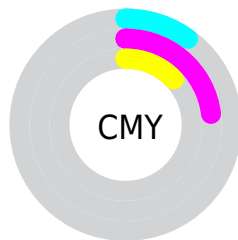
- Red (90%)
- Green (77%)
- Blue (87%)



- Red (90%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6505, 61.9760, 76.9090 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 65.6505, 61.9760, 76.9090 by changing the saturation by 10% instead.

65.6505, 61.9760,
76.9090

65.6505, 61.9760,
76.9090

434.6343,
431.8435, 503.8831

48.2554, 45.0133,
56.6671

112.0451,
107.6908, 130.7829

34.2413, 31.4679,
40.3304

141.7753,
137.2118, 165.2519

23.2428, 20.9554,
27.4805

176.3478,
171.6876, 205.3003

14.8946, 13.0914,
17.6988

216.1282,
211.5027, 251.3468

8.8313, 7.4915,
10.5668

261.4816,
257.0414, 303.8097

4.6875, 3.7713,
5.6658

312.7736,

2.0980, 1.5465,

308.6882, 363.1077

2.5775

370.3693,
366.8275, 429.6594

■ 0.6881, 0.3211,
0.8808

■ 0.0000, 0.0000,
0.0000

■ 65.6505, 61.9760,
76.9090

■ 65.6505, 61.9760,
76.9090

■ 60.0014, 51.9897,
70.9793

■ 72.1313, 73.5738,
83.2715

■ 55.1421, 43.5346,
65.4647

■ 79.4722, 86.8424,
90.0757

■ 51.0354, 36.5357,
60.3516

■ 84.0952, 94.6239,
96.1313

■ 47.6388, 30.9087,
55.6243

■ 85.0427, 95.0029,
101.1206

■ 44.9054, 26.5602,
51.2654

■ 86.0227, 95.3949,
106.2813

■ 42.7825, 23.3855,
47.2556

■ 86.4435, 95.5632,
108.4972

■ 41.2090, 21.2630,
43.5725

■ 40.1104, 20.0443,
40.1897

■ 39.6332, 19.6231,
38.3871

Harmonies

Analogous

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



63.0563, 61.9760, 86.0923



65.6505, 61.9760, 76.9090



66.4098, 61.9760, 65.9932

Triad

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



65.6505, 61.9760, 76.9090



58.3844, 61.9760, 48.8770



53.1278, 61.9760, 79.7772

Complementary

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



65.6505, 61.9760, 76.9090



62.4658, 72.9218, 69.1790

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.



51.9905, 61.9760, 68.9917



65.6505, 61.9760, 76.9090



54.9425, 61.9760, 51.7666

Square

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



65.6505, 61.9760, 76.9090



62.1123, 61.9760, 50.5204



52.6406, 61.9760, 58.8574



55.8127, 61.9760, 87.8679

Rectangle

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



65.6505, 61.9760, 76.9090



65.7473, 61.9760, 59.3636



52.6406, 61.9760, 58.8574



52.5571, 61.9760, 76.3073

Sweetspot

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



65.6523, 61.9787, 76.9103



91.4372, 93.4860, 105.5019



59.6499, 58.7421, 83.0582



19.4301, 19.7559, 22.4471



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.



65.6523, 61.9787, 76.9103



80.9003, 74.6539, 95.0791



63.5848, 61.1517, 66.0229



14.8186, 14.5446, 17.2449



22.4917, 11.1309, 22.0162



1.7006, 0.8379, 1.8297

Inverse Universe

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



65.6523, 61.9787, 76.9103



80.9003, 74.6539, 95.0791



64.5499, 73.7555, 80.1538



14.8186, 14.5446, 17.2449



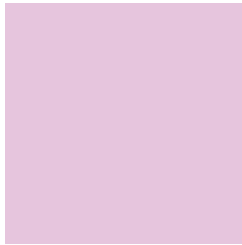
22.4917, 11.1309, 22.0162



1.7006, 0.8379, 1.8297

Previews

White Background



This preview shows how the XYZ color 65.6505, 61.9760, 76.9090 looks on a white background.

Color Contrast Check

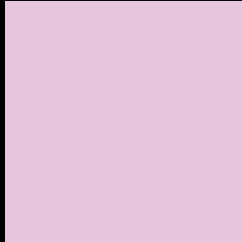
Large Text (above 18pt) WCAG AA × Fail

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 65.6505, 61.9760, 76.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

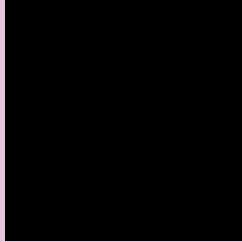
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.6505, 61.9760, 76.9090

Background



This preview shows how black text looks on a background with the XYZ color 65.6505, 61.9760, 76.9090.



This preview shows how white text looks on a background with the XYZ color 65.6505, 61.9760,

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

65.6505, 61.9760, 76.9090

Protanopia

60.7356, 62.1328, 80.7432

Deuteranopia

63.3201, 62.1562, 76.3702



Tritanopia

64.6448, 61.9012, 72.1593

Trichromacy



Original Color

65.6505, 61.9760, 76.9090

Protanomaly

62.3066, 61.9190, 79.1887

Deuteranomaly

64.3130, 62.3232, 76.3501

Tritanomaly

65.0316, 62.0559, 74.1961

Monochromacy



Original Color

65.6505, 61.9760, 76.9090

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.5842, 63.2694, 72.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6505, 61.9760, 76.9090 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, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 197, 221)  
}
```

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, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 197, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.6505, 61.9760, 76.9090 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, 197, 221) }
```


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

```
.border{ border-color:rgb(230, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 197,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6505, 61.9760, 76.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 197, 221) }
```

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

```
.background{ background-color: rgb(230,  
197, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor