

Converting Colors

XYZ(65.2942, 65.0300, 77.6024)

Have a look what the booklet for
XYZ(65.2942, 65.0300, 77.6024)
contains.

XYZ(65.2467, 64.8927, 77.4933)	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(65.2467, 64.8927,
77.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	DECEDD
RGB	222, 206, 221
RGB Percent	87%, 81%, 87%
CMY	0.1294, 0.1921, 0.1333
CMYK	0.00, 0.07, 0.00, 0.13
HSL	304°, 20%, 84%
HSV	304°, 7%, 87%
XYZ	65.2467, 64.8927, 77.4933
YIQ	212.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

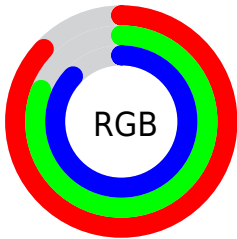
Format	Color
R _Y B	222, 206, 221
Decimal	14601949
CIE Lab	84.43, 8.19, -5.41
CIE LCh	84, 9.819, 326.542
Yxy	64.8927, 0.3142, 0.3125
Android (android.graphics.Color)	4292792029 (0xFFDECEDD)
YUV	212.4940, 4.1935, 8.3368
Hunter-Lab	80.5560, 3.6039, -0.6466

Details

The XYZ color **65.2467, 64.8927, 77.4933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8399, 69.8712, 69.2094**, and the grayscale version is **62.8804, 66.1551, 72.0429**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0475, 33.4251, 40.7336** is the 20% darker color. If you saturate the color by 10%, you get **60.0918, 54.8767, 74.8671**, and if you desaturate by 10%, it is **71.1617, 76.4246, 80.3820**.

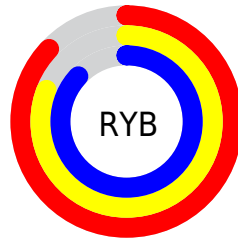
Distribution



Red (87%)

Green (81%)

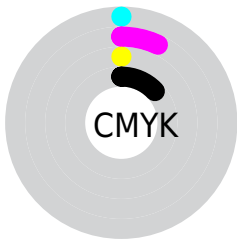
Blue (87%)



Red (87%)

Yellow (81%)

Blue (87%)

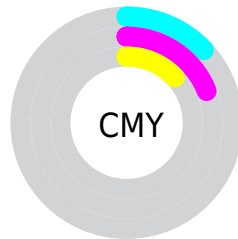


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2467, 64.8927, 77.4933 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 65.2467, 64.8927, 77.4933 by changing the saturation by 10% instead.

65.2467, 64.8927,
77.4933

65.2467, 64.8927,
77.4933

433.2092,
442.4063, 505.9266

47.9266, 47.3741,
57.1439

111.4682,
111.8956, 131.6150

33.9798, 33.3315,
40.7106

141.1003,
142.1486, 166.2242

23.0409, 22.3805,
27.7750

175.5671,
177.4153, 206.4239

14.7445, 14.1368,
17.9186

215.2340,
218.0799, 252.6325

8.7254, 8.2158,
10.7227

260.4663,
264.5269, 305.2685

4.6182, 4.2334,
5.7689

311.6293,

2.0575, 1.8049,

317.1407, 364.7505

2.6386

369.0885,
376.3057, 431.4970

■ 0.6659, 0.4903,
0.9123

■ 0.0000, 0.0000,
0.0000

■ 65.2467, 64.8927,
77.4933

■ 65.2467, 64.8927,
77.4933

■ 60.0918, 54.8767,
74.8671

■ 71.1617, 76.4246,
80.3820

■ 55.6599, 46.3053,
72.4886

■ 77.8608, 89.5231,
83.5389

■ 51.9192, 39.1138,
70.3480

■ 79.4979, 92.4951,
85.0160

■ 48.8334, 33.2296,
68.4332

■ 79.6883, 92.5713,
86.0185

46.3627, 28.5732,
66.7309

79.8802, 92.6480,
87.0291

44.4632, 25.0568,
65.2264

80.0736, 92.7254,
88.0478

43.0849, 22.5805,
63.9032

80.2686, 92.8034,
89.0747

42.1696, 21.0276,
62.7416

80.4652, 92.8821,
90.1098

41.6399, 20.2437,
61.7161

80.6633, 92.9613,
91.1532

Harmonies

Analogous

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



63.5730, 64.8927, 81.9648



65.2467, 64.8927, 77.4933



65.9634, 64.8927, 71.3847

Triad

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



65.2467, 64.8927, 77.4933



61.9321, 64.8927, 59.3255



57.9996, 64.8927, 76.1654

Complementary

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



65.2467, 64.8927, 77.4933



62.8399, 69.8712, 69.2094

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.



57.5834, 64.8927, 69.9345



65.2467, 64.8927, 77.4933



59.8221, 64.8927, 60.4404

Square

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



65.2467, 64.8927, 77.4933



64.0215, 64.8927, 61.0961



58.2429, 64.8927, 64.2353



59.3935, 64.8927, 81.1669

Rectangle

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



65.2467, 64.8927, 77.4933



65.7899, 64.8927, 67.2899



58.2429, 64.8927, 64.2353



57.7422, 64.8927, 74.1348

Sweetspot

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



65.2486, 64.8955, 77.4947



93.3932, 96.7686, 108.0947



60.9353, 62.6565, 77.9906



20.0073, 20.7463, 23.1452



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.



65.2486, 64.8955, 77.4947



87.9305, 86.1293, 105.3913



64.2333, 64.4894, 72.1486



14.2561, 13.9201, 17.1187



24.6801, 11.9390, 36.5766



1.7221, 0.8321, 2.5951

Inverse Universe

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



65.2486, 64.8955, 77.4947



87.9305, 86.1293, 105.3913



63.8172, 70.2621, 74.3559



14.2561, 13.9201, 17.1187



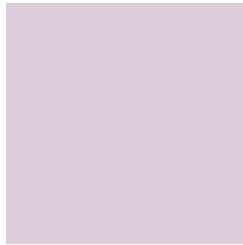
24.6801, 11.9390, 36.5766



1.7221, 0.8321, 2.5951

Previews

White Background



This preview shows how the XYZ color 65.2467, 64.8927, 77.4933 looks on a white background.

Color Contrast Check

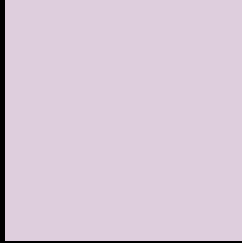
Large Text (above 18pt) WCAG AA × Fail

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 65.2467, 64.8927, 77.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

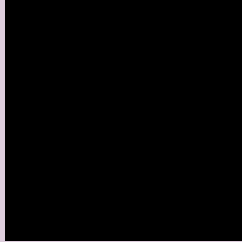
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2467, 64.8927, 77.4933

Background



This preview shows how black text looks on a background with the XYZ color 65.2467, 64.8927, 77.4933.

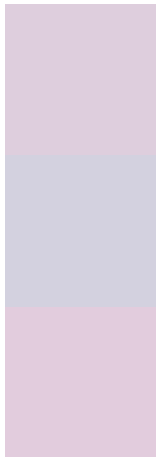


This preview shows how white text looks on a background with the XYZ color 65.2467, 64.8927,

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

65.2467, 64.8927, 77.4933

Protanopia

62.9837, 64.7775, 78.9958

Deuteranopia

66.0080, 64.5749, 77.3918



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

65.2467, 64.8927, 77.4933

Protanomaly

63.7650, 64.8327, 78.2604

Deuteranomaly

65.9338, 64.8907, 77.4567

Tritanomaly

65.3803, 64.9461, 78.1972

Monochromacy



Original Color

65.2467, 64.8927, 77.4933

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6312, 65.5984, 73.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2467, 64.8927, 77.4933 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, 206, 221) looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 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(222, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.2467, 64.8927, 77.4933 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, 206, 221) }
```


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

```
.border{ border-color:rgb(222, 206, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2467, 64.8927, 77.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 221) }
```

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

```
.background{ background-color: rgb(222,  
206, 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](#).

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