

Converting Colors

XYZ(65.2116, 70.6270, 61.5837)

Have a look what the booklet for
XYZ(65.2116, 70.6270, 61.5837)
contains.

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Color

**XYZ(65.2623, 70.4987,
61.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDCC3
RGB	221, 220, 195
RGB Percent	87%, 86%, 76%
CMY	0.1333, 0.1372, 0.2353
CMYK	0.00, 0.00, 0.12, 0.13
HSL	58°, 28%, 82%
HSV	58°, 12%, 87%
XYZ	65.2623, 70.4987, 61.7977
YIQ	217.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

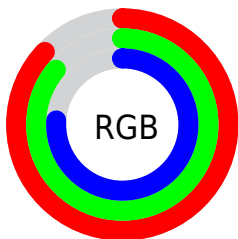
Format	Color
RYB	196, 221, 195
Decimal	14539971
CIELab	87.24, -3.90, 12.41
CIELCh	87, 13.009, 107.427
Yxy	70.4987, 0.3303, 0.3568
Android (android.graphics.Color)	4292730051 (0xFFDDDC3)
YUV	217.4490, -11.0674, 3.1142
Hunter-Lab	83.9635, -8.1935, 15.1366

Details

The XYZ color **65.2623, 70.4987, 61.7977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2966, 56.3013, 76.3599**, and the grayscale version is **66.3325, 69.7870, 75.9980**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **33.9887, 36.9403, 30.5381** is the 20% darker color. If you saturate the color by 10%, you get **62.7255, 69.1319, 49.5231**, and if you desaturate by 10%, it is **68.1739, 72.0219, 76.0236**.

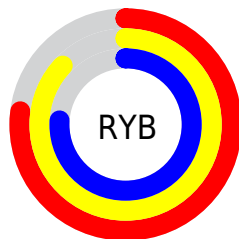
Distribution



Red (87%)

Green (86%)

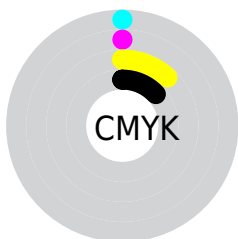
Blue (76%)



Red (77%)

Yellow (87%)

Blue (76%)

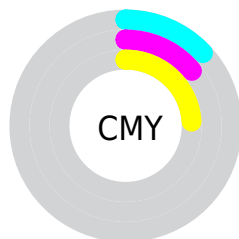


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2623, 70.4987, 61.7977 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 65.2623, 70.4987, 61.7977 by changing the saturation by 10% instead.

■ 65.2623, 70.4987,
61.7977

■ 65.2623, 70.4987,
61.7977

433.2643,
462.2991, 449.1801

■ 47.9393, 51.9332,
44.4345

111.4905,
119.9197, 109.0019

■ 33.9899, 36.9518,
30.6726

141.1264,
151.5439, 139.6799

■ 23.0487, 25.1702,
20.0933

175.5973,
188.2899, 175.6333

■ 14.7503, 16.2039,
12.2781

215.2685,
230.5419, 217.2807

■ 8.7295, 9.6686,
6.8085

260.5055,
278.6845, 265.0405

■ 4.6209, 5.1798,
3.2660

311.6736,

■ 2.0590, 2.3531,

333.1019, 319.3313

1.2320

369.1380,
394.1787, 380.5716

■ 0.6668, 0.8016,
0.0051

■ 0.0000, 0.0000,
0.0000

■ 65.2623, 70.4987,
61.7977

■ 65.2623, 70.4987,
61.7977

■ 62.7255, 69.1319,
49.5231

■ 68.1739, 72.0219,
76.0236

■ 60.5416, 67.9058,
39.1100

■ 71.4699, 73.6982,
92.2761

■ 58.6952, 66.8165,
30.4683

■ 74.1349, 75.1240,
105.2008

■ 57.1674, 65.8563,
23.4987

■ 74.3609, 75.5760,
105.2761

■ 55.9374, 65.0171,
18.0922

■ 74.5880, 76.0302,
105.3518

■ 54.9821, 64.2896,
14.1266

■ 74.8162, 76.4867,
105.4279

■ 54.2750, 63.6631,
11.4621

■ 75.0456, 76.9455,
105.5044

■ 53.7840, 63.1248,
9.9305

■ 75.2761, 77.4065,
105.5812

■ 53.4980, 62.7302,
9.2885

■ 75.5078, 77.8698,
105.6584

Harmonies

Analogous

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



68.2942, 70.4987, 61.4789



65.2623, 70.4987, 61.7977



62.7719, 70.4987, 65.9292

Triad

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



65.2623, 70.4987, 61.7977



63.1095, 70.4987, 89.8337



72.9076, 70.4987, 80.4831

Complementary

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



65.2623, 70.4987, 61.7977



55.2966, 56.3013, 76.3599

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.



71.4282, 70.4987, 88.7189



65.2623, 70.4987, 61.7977



65.7359, 70.4987, 94.3866

Square

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



65.2623, 70.4987, 61.7977



61.5552, 70.4987, 81.9126



68.7823, 70.4987, 93.9637



72.7714, 70.4987, 71.8302

Rectangle

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



65.2623, 70.4987, 61.7977



61.7258, 70.4987, 70.4806



68.7823, 70.4987, 93.9637



72.5809, 70.4987, 83.4041

Sweetspot

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



65.2642, 70.5018, 61.7992



93.3265, 99.1115, 100.4378



59.3327, 58.4025, 60.5504



19.9084, 21.1790, 21.1680



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.



65.2642, 70.5018, 61.7992



89.3913, 97.0415, 81.2445



62.0870, 69.2528, 61.7256



14.1173, 15.1739, 13.9104



31.0974, 36.4804, 5.4024



2.0282, 2.3906, 0.3545

Inverse Universe

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



55.2966, 56.3013, 76.3599



73.1223, 73.8636, 105.0109



58.2155, 57.4739, 76.4324



12.3785, 12.6967, 16.4504



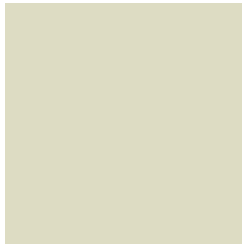
7.6536, 3.1767, 39.9482



0.5102, 0.2346, 2.5928

Previews

White Background



This preview shows how the XYZ color 65.2623, 70.4987, 61.7977 looks on a white background.

Color Contrast Check

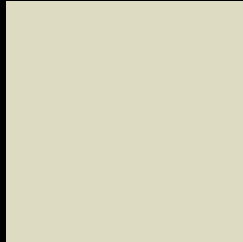
Large Text (above 18pt) WCAG AA × Fail

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 65.2623, 70.4987, 61.7977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

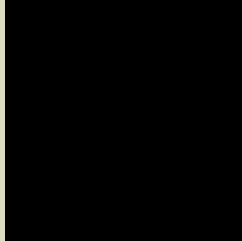
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

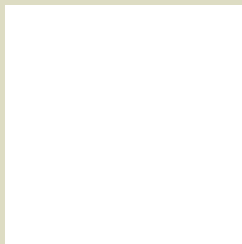
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2623, 70.4987, 61.7977

Background



This preview shows how black text looks on a background with the XYZ color 65.2623, 70.4987, 61.7977.

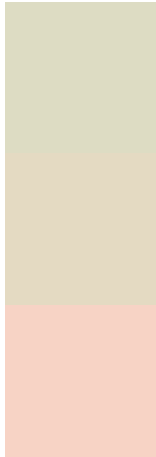


This preview shows how white text looks on a background with the XYZ color 65.2623, 70.4987,

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

65.2623, 70.4987, 61.7977

Protanopia

66.8039, 70.5318, 61.1320

Deuteranopia

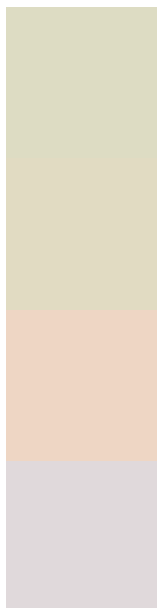
71.7301, 70.3939, 62.6301



Tritanopia

70.2300, 70.5958, 86.2688

Trichromacy



Original Color

65.2623, 70.4987, 61.7977

Protanomaly

66.1205, 70.5656, 61.1745

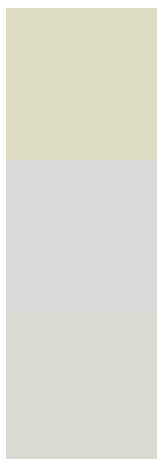
Deuteranomaly

69.2703, 70.2558, 62.1343

Tritanomaly

68.3395, 70.5875, 77.0407

Monochromacy



Original Color

65.2623, 70.4987, 61.7977

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.4935, 69.6517, 70.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2623, 70.4987, 61.7977 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(221, 220, 195) looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 195)  
}
```

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(221, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 195) }
```

Border

The CSS property to change the border of an element to XYZ 65.2623, 70.4987, 61.7977 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(221, 220, 195) }
```


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

```
.border{ border-color:rgb(221, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 220, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 220, 195); box-shadow:4px 4px 4px 4px rgb(221, 220, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2623, 70.4987, 61.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 195) }
```

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

```
.background{ background-color: rgb(221,  
220, 195) }
```

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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