

Converting Colors

XYZ(62.1196, 65.3494, 55.8130)

Have a look what the booklet for
XYZ(62.1196, 65.3494, 55.8130)
contains.

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Color

**XYZ(62.0337, 65.1680,
55.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	DED2BA
RGB	222, 210, 186
RGB Percent	87%, 82%, 73%
CMY	0.1294, 0.1764, 0.2706
CMYK	0.00, 0.05, 0.16, 0.13
HSL	40°, 35%, 80%
HSV	40°, 16%, 87%
XYZ	62.0337, 65.1680, 55.7635
YIQ	210.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

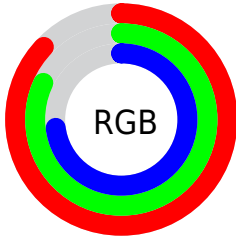
Format	Color
RYB	204, 222, 186
Decimal	14602938
CIELab	84.57, 0.22, 13.38
CIELCh	85, 13.384, 89.067
Yxy	65.1680, 0.3390, 0.3562
Android (android.graphics.Color)	4292793018 (0xFFDED2BA)
YUV	210.8520, -12.2520, 9.7768
Hunter-Lab	80.7267, -4.1050, 15.5530

Details

The XYZ color **62.0337, 65.1680, 55.7635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6283, 56.0998, 77.1095**, and the grayscale version is **61.8921, 65.1153, 70.9106**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **32.0585, 33.6859, 27.0027** is the 20% darker color. If you saturate the color by 10%, you get **58.0709, 60.7301, 43.6895**, and if you desaturate by 10%, it is **66.4512, 69.9273, 69.7996**.

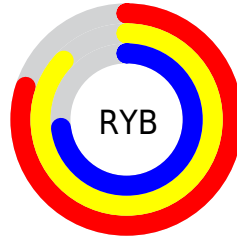
Distribution



Red (87%)

Green (82%)

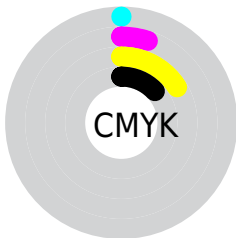
Blue (73%)



Red (80%)

Yellow (87%)

Blue (73%)

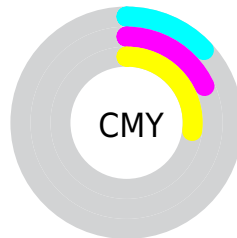


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (13%)



Cyan (13%)


Magenta (18%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0337, 65.1680, 55.7635 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 62.0337, 65.1680, 55.7635 by changing the saturation by 10% instead.


 62.0337, 65.1680,
55.7635

 62.0337, 65.1680,
55.7635


421.7696,
443.3954, 426.1629

 45.3156, 47.5973,
39.6106


 106.8639,
112.2914, 100.1410

 31.9084, 33.5081,
26.9236


135.7067,
142.6128, 129.2028

 21.4468, 22.5160,
17.2839


169.3219,
177.9533, 163.4046

 13.5653, 14.2365,
10.2730

208.0747,
218.6973, 203.1649

 7.8986, 8.2854,
5.4724

252.3305,
265.2291, 248.9024

 4.0814, 4.2781,
2.4635

302.4547,

 1.7483, 1.8303,

317.9331, 301.0355

0.8207

358.8126,
377.1938, 359.9828

■ 0.4862, 0.5060,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0337, 65.1680,
55.7635

■ 62.0337, 65.1680,
55.7635

■ 58.0709, 60.7301,
43.6895

■ 66.4512, 69.9273,
69.7996

■ 54.5395, 56.5958,
33.4841

■ 71.3349, 75.0077,
85.8772

■ 51.4219, 52.7584,
25.0526

■ 76.7027, 80.4203,
104.0762

■ 48.6971, 49.2078,
18.2900

■ 79.2151, 84.8311,
106.8067

■ 46.3419, 45.9326,
13.0802

■ 81.4324, 89.2658,
107.5458

■ 44.3302, 42.9205,
9.2923

■ 83.7395, 93.8799,
108.3148

■ 42.6319, 40.1574,
6.7732

■ 83.9344, 94.2697,
108.3798

■ 41.2095, 37.6263,
5.3319

■ 40.7189, 36.7188,
4.9413

Harmonies

Analogous

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



64.9364, 65.1680, 57.7756



62.0337, 65.1680, 55.7635



59.1945, 65.1680, 57.5426

Triad

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



62.0337, 65.1680, 55.7635



57.0597, 65.1680, 79.2426



66.9929, 65.1680, 79.7425

Complementary

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



62.0337, 65.1680, 55.7635



53.6283, 56.0998, 77.1095

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.



64.7695, 65.1680, 86.3090



62.0337, 65.1680, 55.7635



59.0377, 65.1680, 86.0045

Square

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



62.0337, 65.1680, 55.7635



56.3791, 65.1680, 70.6897



61.8469, 65.1680, 88.6861



67.8556, 65.1680, 71.2248

Rectangle

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



62.0337, 65.1680, 55.7635



57.7062, 65.1680, 60.7270



61.8469, 65.1680, 88.6861



66.3764, 65.1680, 82.2756

Sweetspot

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



62.0355, 65.1709, 55.7649



91.7243, 96.5252, 97.9982



57.8768, 54.7254, 60.9395



19.5355, 20.5578, 20.6600



0.0000, 0.0000, 0.0000



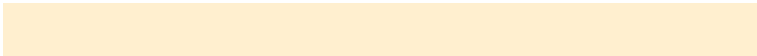
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.0355, 65.1709, 55.7649



83.2720, 87.3920, 71.2229



63.3036, 70.3871, 56.7049



14.4669, 15.2198, 14.4820



24.2922, 22.0223, 2.9704



1.7651, 1.6890, 0.2330

Inverse Universe

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



53.6283, 56.0998, 77.1095



69.9625, 73.0324, 105.0170



52.4827, 51.5991, 76.3011



13.3233, 13.9858, 17.3850



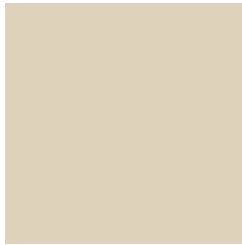
9.3764, 6.2223, 41.7552



0.7303, 0.5920, 2.9210

Previews

White Background



This preview shows how the XYZ color 62.0337, 65.1680, 55.7635 looks on a white background.

Color Contrast Check

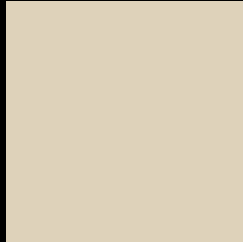
Large Text (above 18pt) WCAG AA × Fail

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 62.0337, 65.1680, 55.7635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

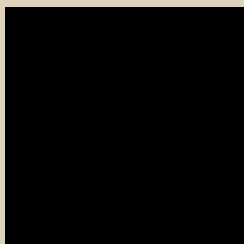
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0337, 65.1680, 55.7635

Background



This preview shows how black text looks on a background with the XYZ color 62.0337, 65.1680, 55.7635.



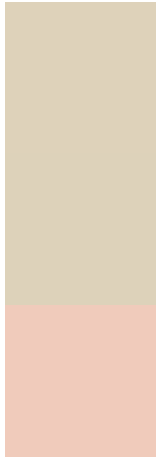
This preview shows how white text looks on a background with the XYZ color 62.0337, 65.1680,

55.7635.

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

62.0337, 65.1680, 55.7635

Protanopia

61.7283, 65.0105, 55.7492

Deuteranopia

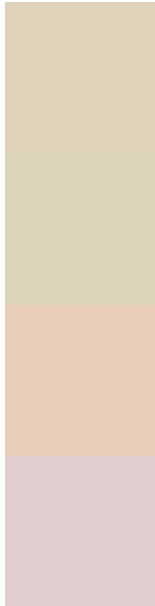
66.2608, 64.8250, 56.0339



Tritanopia

66.5610, 65.2140, 77.4860

Trichromacy



Original Color

62.0337, 65.1680, 55.7635

Protanomaly

61.7283, 65.0105, 55.7492

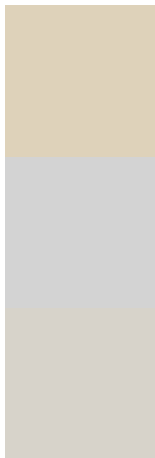
Deuteranomaly

64.6452, 65.0541, 56.1632

Tritanomaly

64.7493, 65.1873, 68.8443

Monochromacy



Original Color

62.0337, 65.1680, 55.7635

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9793, 65.2999, 65.2146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0337, 65.1680, 55.7635 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, 210, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 210, 186)  
}
```

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, 210, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 210, 186) }
```

Border

The CSS property to change the border of an element to XYZ 62.0337, 65.1680, 55.7635 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, 210, 186) }
```


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

```
.border{ border-color:rgb(222, 210, 186) }
```

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

Here you see how a box with a 4 pixel rgb(222, 210, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 210, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 210, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 210,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0337, 65.1680, 55.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 210, 186) }
```

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

```
.background{ background-color: rgb(222,  
210, 186) }
```

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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