

Converting Colors

XYZ(61.6186, 63.2111, 53.2867)

Have a look what the booklet for
XYZ(61.6186, 63.2111, 53.2867)
contains.

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Color

**XYZ(61.6388, 63.2088,
53.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CDB6
RGB	226, 205, 182
RGB Percent	89%, 80%, 71%
CMY	0.1137, 0.1961, 0.2863
CMYK	0.00, 0.09, 0.19, 0.11
HSL	31°, 43%, 80%
HSV	31°, 19%, 89%
XYZ	61.6388, 63.2088, 53.2078
YIQ	208.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

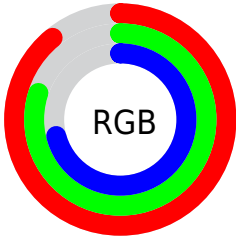
Format	Color
RYB	222, 226, 182
Decimal	14863798
CIELab	83.55, 3.68, 14.11
CIELCh	84, 14.583, 75.367
Yxy	63.2088, 0.3462, 0.3550
Android (android.graphics.Color)	4293053878 (0xFFE2CDB6)
YUV	208.6570, -13.1419, 15.2098
Hunter-Lab	79.5040, -0.7423, 15.9731

Details

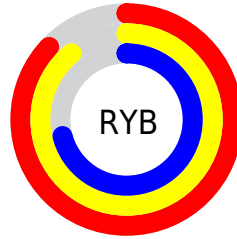
The XYZ color **61.6388, 63.2088, 53.2078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3744, 58.1464, 80.3093**, and the grayscale version is **60.4561, 63.6045, 69.2653**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **31.6066, 32.2642, 25.3307** is the 20% darker color. If you saturate the color by 10%, you get **56.9982, 57.3683, 41.0530**, and if you desaturate by 10%, it is **66.8376, 69.5614, 67.4098**.

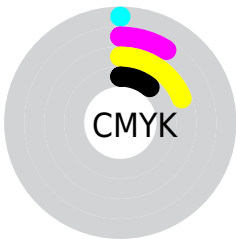
Distribution



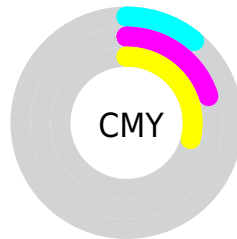
- Red (89%)
- Green (80%)
- Blue (71%)



- Red (87%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6388, 63.2088, 53.2078 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 61.6388, 63.2088, 53.2078 by changing the saturation by 10% instead.


 61.6388, 63.2088,
53.2078

 61.6388, 63.2088,
53.2078


420.3509,
436.3269, 416.1707

 44.9954, 46.0101,
37.5798


 106.2962,
109.4707, 96.3547

 31.6551, 32.2538,
25.3574


135.0409,
139.3027, 124.7107

 21.2524, 21.5555,
16.1221


168.5501,
174.1147, 158.1465

 13.4222, 13.5306,
9.4553


207.1892,
214.2909, 197.0806

 7.7989, 7.7949,
4.9385

251.3234,
260.2159, 241.9315

 4.0172, 3.9640,
2.1531

301.3182,

 1.7119, 1.6535,

312.2739, 293.1178

0.6471

357.5389,
370.8494, 351.0581

■ 0.4637, 0.3932,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6388, 63.2088,
53.2078

■ 61.6388, 63.2088,
53.2078

■ 56.9982, 57.3683,
41.0530

■ 66.8376, 69.5614,
67.4098

■ 52.8892, 52.0171,
30.8451

■ 72.6097, 76.4312,
83.7449

■ 49.2902, 47.1428,
22.4814

■ 78.9762, 83.8341,
102.2987

■ 46.1759, 42.7294,
15.8480

■ 83.0251, 90.6107,
107.7215

■ 43.5188, 38.7594,
10.8181

■ 85.1741, 94.9088,
108.4378

■ 41.2875, 35.2138,
7.2473

■ 39.4456, 32.0712,
4.9647

■ 37.9359, 29.3019,
3.6909

■ 37.8615, 29.1636,
3.6336

Harmonies

Analogous

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



64.4849, 63.2088, 57.0801



61.6388, 63.2088, 53.2078



58.4695, 63.2088, 53.2568

Triad

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



61.6388, 63.2088, 53.2078



54.3634, 63.2088, 73.5776



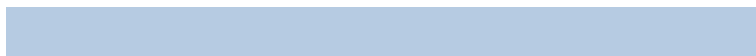
64.5431, 63.2088, 81.8983

Complementary

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



61.6388, 63.2088, 53.2078



54.3744, 58.1464, 80.3093

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.



61.7158, 63.2088, 87.1619



61.6388, 63.2088, 53.2078



55.8767, 63.2088, 82.0767

Square

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



61.6388, 63.2088, 53.2078



54.3444, 63.2088, 64.4864



58.5439, 63.2088, 87.2300



66.2015, 63.2088, 73.3511

Rectangle

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



61.6388, 63.2088, 53.2078



56.6021, 63.2088, 55.4870



58.5439, 63.2088, 87.2300



63.6935, 63.2088, 84.1424

Sweetspot

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



61.6405, 63.2116, 53.2091



90.3987, 94.4835, 95.6772



58.9039, 53.9500, 63.9761



19.2443, 20.0981, 20.1843



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.



61.6405, 63.2116, 53.2091



78.7167, 80.2074, 63.7664



66.7748, 73.8209, 54.9863



14.2972, 14.8804, 14.4254



21.7197, 16.8773, 2.1129



1.5950, 1.3489, 0.1763

Inverse Universe

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



54.3744, 58.1464, 80.3093



67.6521, 72.4947, 105.0350



49.9213, 48.9824, 78.7752



13.4889, 14.3169, 17.4402



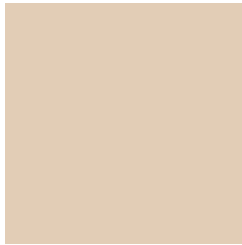
10.9985, 9.4666, 42.2959



0.8516, 0.8347, 2.9615

Previews

White Background



This preview shows how the XYZ color 61.6388, 63.2088, 53.2078 looks on a white background.

Color Contrast Check

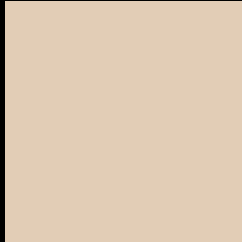
Large Text (above 18pt) WCAG AA × Fail

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 61.6388, 63.2088, 53.2078 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 61.6388, 63.2088, 53.2078

Background



This preview shows how black text looks on a background with the XYZ color 61.6388, 63.2088, 53.2078.



This preview shows how white text looks on a background with the XYZ color 61.6388, 63.2088, 53.2078.

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

61.6388, 63.2088, 53.2078

Protanopia

60.0166, 63.4361, 53.8809

Deuteranopia

64.6938, 63.3693, 53.6215



Tritanopia

65.6821, 63.0894, 73.6814

Trichromacy



Original Color

61.6388, 63.2088, 53.2078

Protanomaly

60.6789, 63.4167, 53.8423

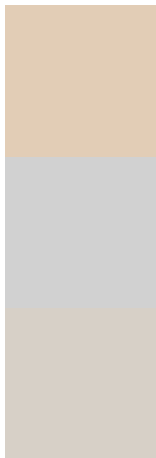
Deuteranomaly

63.5995, 63.1524, 53.6373

Tritanomaly

64.3327, 63.2587, 65.9462

Monochromacy



Original Color

61.6388, 63.2088, 53.2078

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8890, 63.6823, 63.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6388, 63.2088, 53.2078 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, 205, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 182)  
}
```

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, 205, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 182) }
```

Border

The CSS property to change the border of an element to XYZ 61.6388, 63.2088, 53.2078 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, 205, 182) }
```


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

```
.border{ border-color:rgb(226, 205, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 205, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 205, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 205,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6388, 63.2088, 53.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 182) }
```

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

```
.background{ background-color: rgb(226,  
205, 182) }
```

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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