

Converting Colors

XYZ(59.7212, 61.1216, 56.2623)

Have a look what the booklet for
XYZ(59.7212, 61.1216, 56.2623)
contains.

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Color

**XYZ(59.7128, 61.0875,
56.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCABC
RGB	220, 202, 188
RGB Percent	86%, 79%, 74%
CMY	0.1373, 0.2078, 0.2627
CMYK	0.00, 0.08, 0.15, 0.14
HSL	26°, 31%, 80%
HSV	26°, 15%, 86%
XYZ	59.7128, 61.0875, 56.2208
YIQ	205.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

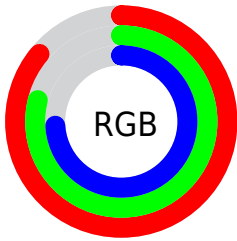
Format	Color
R _Y B	220, 213, 188
Decimal	14469820
CIE Lab	82.43, 3.98, 9.25
CIE LCh	82, 10.070, 66.697
Yxy	61.0875, 0.3373, 0.3451
Android (android.graphics.Color)	4292659900 (0xFFDCCABC)
YUV	205.7860, -8.7685, 12.4657
Hunter-Lab	78.1585, -0.4040, 12.0626

Details

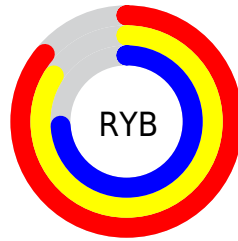
The XYZ color **59.7128, 61.0875, 56.2208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7283, 60.0000, 76.3546**, and the grayscale version is **58.5782, 61.6288, 67.1138**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.4801, 30.9284, 27.2850** is the 20% darker color. If you saturate the color by 10%, you get **54.7326, 54.6372, 43.7384**, and if you desaturate by 10%, it is **65.2907, 68.1534, 70.6875**.

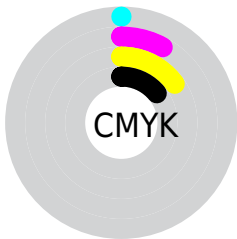
Distribution



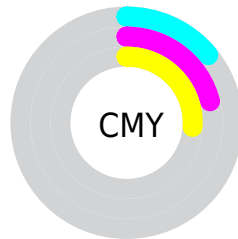
- Red (86%)
- Green (79%)
- Blue (74%)



- Red (86%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7128, 61.0875, 56.2208 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 59.7128, 61.0875, 56.2208 by changing the saturation by 10% instead.


 59.7128, 61.0875,
56.2208

 59.7128, 61.0875,
56.2208


413.3901,
428.5948, 427.9347

 43.4358, 44.2958,
39.9748


 103.5217,
106.4056, 100.8163

 30.4232, 30.9031,
27.2053


131.7842,
135.7008, 130.0030

 20.3097, 20.5251,
17.4936


164.7726,
169.9326, 164.3402

 12.7299, 12.7773,
10.4214

202.8522,
209.4855, 204.2466

 7.3185, 7.2754,
5.5700

246.3884,
254.7437, 250.1408

 3.7102, 3.6349,
2.5209

295.7465,

 1.5395, 1.4715,

306.0917, 302.4411

0.8512

351.2920,
363.9139, 361.5663

■ 0.3525, 0.2685,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7128, 61.0875,
56.2208

■ 59.7128, 61.0875,
56.2208

■ 54.7326, 54.6372,
43.7384

■ 65.2907, 68.1534,
70.6875

■ 50.3233, 48.7769,
33.1486

■ 71.4818, 75.8434,
87.2169

■ 46.4634, 43.4911,
24.3585

■ 78.3073, 84.1760,
105.8877

■ 43.1280, 38.7604,
17.2653

■ 82.2172, 91.7392,
107.9819

■ 40.2898, 34.5642,
11.7560

■ 83.3254, 93.9558,
108.3513

■ 37.9187, 30.8802,
7.7035

■ 35.9806, 27.6841,
4.9606

■ 34.4348, 24.9483,
3.3484

■ 33.7238, 23.6325,
2.7841

Harmonies

Analogous

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



61.4404, 61.0875, 59.6859



59.7128, 61.0875, 56.2208



57.5810, 61.0875, 55.4333

Triad

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



59.7128, 61.0875, 56.2208



54.0516, 61.0875, 67.9044



60.5678, 61.0875, 76.4669

Complementary

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



59.7128, 61.0875, 56.2208



55.7283, 60.0000, 76.3546

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.



58.5454, 61.0875, 78.9807



59.7128, 61.0875, 56.2208



54.8095, 61.0875, 73.8438

Square

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



59.7128, 61.0875, 56.2208



54.3468, 61.0875, 61.9389



56.4416, 61.0875, 77.9924



61.9425, 61.0875, 71.3088

Rectangle

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



59.7128, 61.0875, 56.2208



56.2240, 61.0875, 56.4862



56.4416, 61.0875, 77.9924



59.9393, 61.0875, 77.6632

Sweetspot

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



59.7145, 61.0902, 56.2221



91.6482, 95.7549, 99.8784



58.6559, 55.6456, 66.1273



19.4829, 20.3280, 21.0262



0.0000, 0.0000, 0.0000



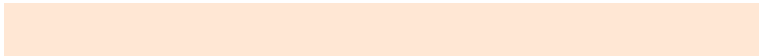
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7145, 61.0902, 56.2221



81.5496, 82.9358, 73.7662



63.6297, 68.9208, 57.5272



13.5225, 13.9844, 13.7121



19.8987, 14.0829, 1.6695



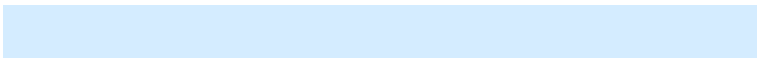
1.3739, 1.0819, 0.1364

Inverse Universe

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



55.7283, 60.0000, 76.3546



75.1043, 81.1726, 106.3172



52.1004, 52.7442, 75.1453



12.9431, 13.8260, 16.6386



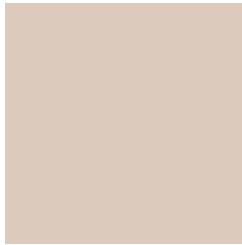
11.9040, 11.6775, 41.3650



0.8564, 0.9270, 2.7082

Previews

White Background



This preview shows how the XYZ color 59.7128, 61.0875, 56.2208 looks on a white background.

Color Contrast Check

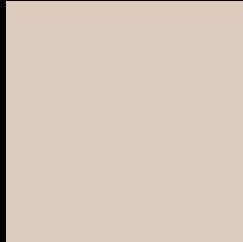
Large Text (above 18pt) WCAG AA × Fail

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 59.7128, 61.0875, 56.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

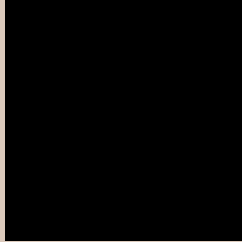
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

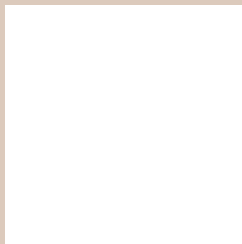
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7128, 61.0875, 56.2208

Background



This preview shows how black text looks on a background with the XYZ color 59.7128, 61.0875, 56.2208.



This preview shows how white text looks on a background with the XYZ color 59.7128, 61.0875,

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

59.7128, 61.0875, 56.2208

Protanopia

58.2187, 61.0060, 56.8510

Deuteranopia

62.3344, 61.0512, 56.6428



Tritanopia

62.7631, 60.9312, 72.0713

Trichromacy



Original Color

59.7128, 61.0875, 56.2208

Protanomaly

58.8601, 60.9849, 56.8131

Deuteranomaly

61.2873, 60.8519, 56.6595

Tritanomaly

61.5671, 60.7842, 66.2452

Monochromacy



Original Color

59.7128, 61.0875, 56.2208

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0041, 61.6350, 62.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7128, 61.0875, 56.2208 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(220, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(220, 202, 188)  
}
```

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(220, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 202, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.7128, 61.0875, 56.2208 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(220, 202, 188) }
```


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

```
.border{ border-color:rgb(220, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(220, 202,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7128, 61.0875, 56.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 202, 188) }
```

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

```
.background{ background-color: rgb(220,  
202, 188) }
```

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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