

Converting Colors

XYZ(59.5071, 62.1963, 55.0561)

Have a look what the booklet for
XYZ(59.5071, 62.1963, 55.0561)
contains.

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Color

**XYZ(59.6077, 62.1132,
55.3018)**

Conversions

Conversions Part 1

Format	Color
Hex	DACDBA
RGB	218, 205, 186
RGB Percent	85%, 80%, 73%
CMY	0.1451, 0.1961, 0.2706
CMYK	0.00, 0.06, 0.15, 0.15
HSL	36°, 30%, 79%
HSV	36°, 15%, 85%
XYZ	59.6077, 62.1132, 55.3018
YIQ	206.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

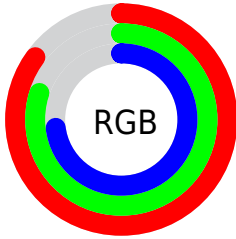
Format	Color
R _Y B	208, 218, 186
Decimal	14339514
CIE Lab	82.97, 1.37, 11.07
CIE LCh	83, 11.157, 82.942
Yxy	62.1132, 0.3367, 0.3509
Android (android.graphics.Color)	4292529594 (0xFFDACDBA)
YUV	206.7210, -10.2155, 9.8917
Hunter-Lab	78.8119, -2.9163, 13.5650

Details

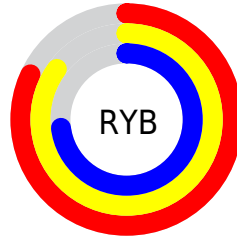
The XYZ color **59.6077, 62.1132, 55.3018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3279, 56.3469, 74.3956**, and the grayscale version is **59.1874, 62.2698, 67.8118**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **30.4045, 31.6132, 26.6898** is the 20% darker color. If you saturate the color by 10%, you get **55.4069, 57.1415, 43.3266**, and if you desaturate by 10%, it is **64.2853, 67.4715, 69.1818**.

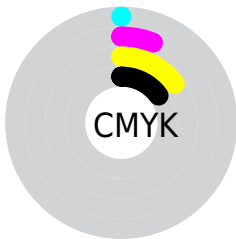
Distribution



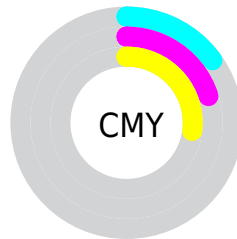
- Red (85%)
- Green (80%)
- Blue (73%)



- Red (82%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6077, 62.1132, 55.3018 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 59.6077, 62.1132, 55.3018 by changing the saturation by 10% instead.

■ 59.6077, 62.1132,
55.3018

■ 59.6077, 62.1132,
55.3018

413.0082,
432.3439, 424.3691

■ 43.3508, 45.1242,
39.2432

■ 103.3700,
107.8891, 99.4586

■ 30.3561, 31.5552,
26.6397

131.6060,
137.4448, 128.3938

■ 20.2585, 21.0220,
17.0727

164.5658,
171.9582, 162.4583

■ 12.6924, 13.1401,
10.1239

202.6146,
211.8136, 202.0707

■ 7.2926, 7.5251,
5.3745

246.1180,
257.3955, 247.6494

■ 3.6937, 3.7926,
2.4061

295.4411,

■ 1.5304, 1.5582,

309.0882, 299.6130

0.7897

350.9494,
367.2762, 358.3800

■ 0.3464, 0.3292,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6077, 62.1132,
55.3018

■ 59.6077, 62.1132,
55.3018

■ 55.4069, 57.1415,
43.3266

■ 64.2853, 67.4715,
69.1818

■ 51.6600, 52.5379,
33.1676

■ 69.4516, 73.2181,
85.0421

■ 48.3495, 48.2943,
24.7347

■ 75.1243, 79.3651,
102.9588

■ 45.4545, 44.3990,
17.9288

■ 78.2474, 84.6929,
106.8310

■ 42.9524, 40.8395,
12.6404

■ 80.9238, 90.0457,
107.7232

■ 40.8176, 37.6022,
8.7464

■ 82.7237, 93.6456,
108.3231

■ 39.0209, 34.6717,
6.1042

■ 37.5272, 32.0303,
4.5397

■ 36.8254, 30.7290,
3.9904

Harmonies

Analogous

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



61.8722, 62.1132, 57.5875



59.6077, 62.1132, 55.3018



57.2496, 62.1132, 56.1356

Triad

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



59.6077, 62.1132, 55.3018



54.8732, 62.1132, 72.9343



62.8107, 62.1132, 75.9437

Complementary

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



59.6077, 62.1132, 55.3018



53.3279, 56.3469, 74.3956

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.



60.8607, 62.1132, 80.5969



59.6077, 62.1132, 55.3018



56.2893, 62.1132, 78.7786

Square

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



59.6077, 62.1132, 55.3018



54.5583, 62.1132, 66.0138



58.4694, 62.1132, 81.6680



63.7538, 62.1132, 69.2738

Rectangle

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



59.6077, 62.1132, 55.3018



55.9372, 62.1132, 58.3774



58.4694, 62.1132, 81.6680



62.2487, 62.1132, 77.8136

Sweetspot

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



59.6094, 62.1160, 55.3031



92.1436, 96.7457, 100.0435



56.8207, 54.1632, 61.6965



19.6083, 20.5788, 21.0680



0.0000, 0.0000, 0.0000



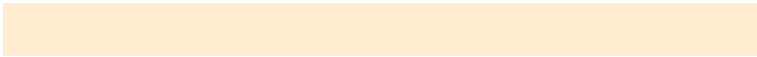
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6094, 62.1160, 55.3031



82.8599, 86.0662, 72.6318



62.0573, 68.1862, 56.3458



13.6957, 14.3307, 13.7698



22.1703, 18.6261, 2.4267



1.5201, 1.3743, 0.1852

Inverse Universe

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



53.3279, 56.3469, 74.3956



72.0450, 76.1343, 105.5060



51.1183, 50.9569, 73.4717



12.7707, 13.4811, 16.5812



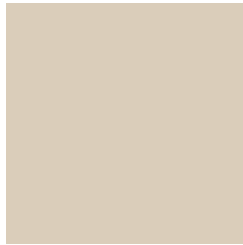
9.7982, 7.4659, 40.6630



0.7180, 0.6502, 2.6621

Previews

White Background



This preview shows how the XYZ color 59.6077, 62.1132, 55.3018 looks on a white background.

Color Contrast Check

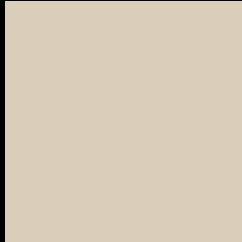
Large Text (above 18pt) WCAG AA × Fail

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 59.6077, 62.1132, 55.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

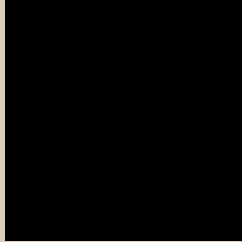
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6077, 62.1132, 55.3018

Background



This preview shows how black text looks on a background with the XYZ color 59.6077, 62.1132, 55.3018.



This preview shows how white text looks on a background with the XYZ color 59.6077, 62.1132,

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

59.6077, 62.1132, 55.3018

Protanopia

58.9586, 62.1349, 55.3402

Deuteranopia

63.3247, 61.9271, 55.6293



Tritanopia

63.4055, 62.2608, 73.6414

Trichromacy



Original Color

59.6077, 62.1132, 55.3018

Protanomaly

59.2531, 62.2867, 55.3539

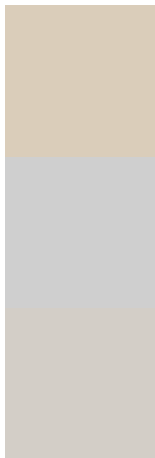
Deuteranomaly

61.8512, 61.8551, 55.6930

Tritanomaly

61.9588, 62.0210, 66.4633

Monochromacy



Original Color

59.6077, 62.1132, 55.3018

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2441, 62.1150, 62.8997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6077, 62.1132, 55.3018 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(218, 205, 186) looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 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(218, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.6077, 62.1132, 55.3018 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(218, 205, 186) }
```


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

```
.border{ border-color:rgb(218, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6077, 62.1132, 55.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 186) }
```

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

```
.background{ background-color: rgb(218,  
205, 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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