

Converting Colors

XYZ(59.1727, 62.2205, 56.4680)

Have a look what the booklet for
XYZ(59.1727, 62.2205, 56.4680)
contains.

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Color

**XYZ(59.1727, 62.2205,
56.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CEBC
RGB	215, 206, 188
RGB Percent	84%, 81%, 74%
CMY	0.1569, 0.1921, 0.2627
CMYK	0.00, 0.04, 0.13, 0.16
HSL	40°, 25%, 79%
HSV	40°, 13%, 84%
XYZ	59.1727, 62.2205, 56.4680
YIQ	206.6390, 11.1420, -3.6900

Conversions

Conversions Part 2

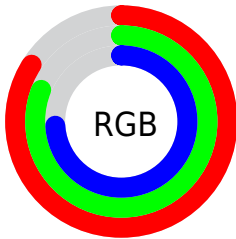
Format	Color
R_{YB}	202, 215, 188
Decimal	14143164
CIE Lab	83.03, 0.08, 10.06
CIE LCh	83, 10.057, 89.534
Yxy	62.2205, 0.3327, 0.3498
Android (android.graphics.Color)	4292333244 (0xFFD7CEBC)
YUV	206.6390, -9.1890, 7.3326
Hunter-Lab	78.8800, -4.1362, 12.7719

Details

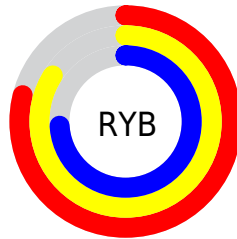
The XYZ color **59.1727, 62.2205, 56.4680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9709, 55.5291, 72.2168**, and the grayscale version is **59.1295, 62.2089, 67.7455**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.0986, 31.6793, 27.4500** is the 20% darker color. If you saturate the color by 10%, you get **55.3407, 57.9930, 44.5951**, and if you desaturate by 10%, it is **63.4321, 66.7489, 70.1884**.

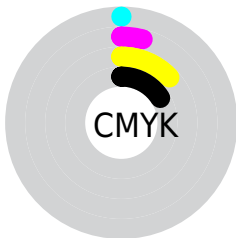
Distribution



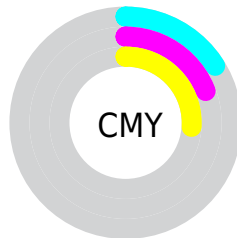
- Red (84%)
- Green (81%)
- Blue (74%)



- Red (79%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1727, 62.2205, 56.4680 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 59.1727, 62.2205, 56.4680 by changing the saturation by 10% instead.

■ 59.1727, 62.2205,
56.4680

■ 59.1727, 62.2205,
56.4680

411.4254,
432.7349, 428.8906

■ 42.9991, 45.2109,
40.1718

■ 102.7418,
108.0442, 101.1811

■ 30.0789, 31.6236,
27.3577

130.8680,
137.6270, 130.4351

■ 20.0469, 21.0741,
17.6072

163.7091,
172.1697, 164.8454

■ 12.5376, 13.1782,
10.5019

201.6304,
212.0566, 204.8305

■ 7.1857, 7.5514,
5.6230

244.9974,
257.6722, 250.8091

■ 3.6259, 3.8093,
2.5522

294.1753,

■ 1.4927, 1.5674,

309.4009, 303.1996

0.8676

349.5295,
367.6270, 362.4206

■ 0.3209, 0.3355,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1727, 62.2205,
56.4680

■ 59.1727, 62.2205,
56.4680

■ 55.3407, 57.9930,
44.5951

■ 63.4321, 66.7489,
70.1884

■ 51.9146, 54.0499,
34.4851

■ 68.1290, 71.5776,
85.8277

■ 48.8789, 50.3853,
26.0530

■ 73.2796, 76.7168,
103.4585

■ 46.2147, 46.9901,
19.2049

■ 75.6852, 80.8885,
106.2317

■ 43.9012, 43.8541,
13.8377

■ 77.7736, 85.0654,
106.9279

■ 41.9157, 40.9664,
9.8359

■ 79.9456, 89.4093,
107.6519

■ 40.2317, 38.3146,
7.0668

■ 81.8345, 93.1872,
108.2815

■ 38.8179, 35.8843,
5.3707

■ 37.9023, 34.2027,
4.6041

Harmonies

Analogous

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



61.2835, 62.2205, 57.9442



59.1727, 62.2205, 56.4680



57.1021, 62.2205, 57.8566

Triad

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



59.1727, 62.2205, 56.4680



55.5759, 62.2205, 73.8217



62.8152, 62.2205, 74.0003

Complementary

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



59.1727, 62.2205, 56.4680



52.9709, 55.5291, 72.2168

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.



61.2232, 62.2205, 78.7061



59.1727, 62.2205, 56.4680



57.0446, 62.2205, 78.5986

Square

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



59.1727, 62.2205, 56.4680



55.0566, 62.2205, 67.6503



59.1048, 62.2205, 80.4372



63.4178, 62.2205, 67.8449

Rectangle

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



59.1727, 62.2205, 56.4680



56.0153, 62.2205, 60.2716



59.1048, 62.2205, 80.4372



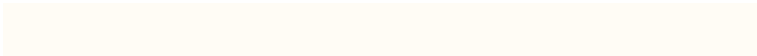
62.3762, 62.2205, 75.8175

Sweetspot

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



59.1744, 62.2232, 56.4693



92.3763, 97.2112, 100.1211



56.0863, 54.4456, 60.3771



19.6672, 20.6967, 21.0877



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.



59.1744, 62.2232, 56.4693



85.5603, 89.9135, 78.3208



60.0991, 66.0074, 57.1510



13.1081, 13.7903, 13.1316



22.7710, 20.6592, 2.7875



1.4481, 1.3954, 0.1930

Inverse Universe

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



52.9709, 55.5291, 72.2168



74.7472, 78.2458, 105.7711



52.1148, 52.1455, 71.6088



12.0773, 12.6780, 15.7481



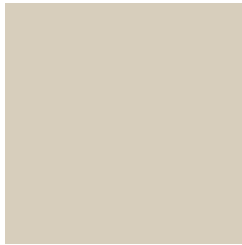
8.7957, 5.8532, 39.1194



0.6056, 0.5031, 2.3845

Previews

White Background



This preview shows how the XYZ color 59.1727, 62.2205, 56.4680 looks on a white background.

Color Contrast Check

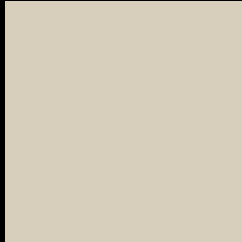
Large Text (above 18pt) WCAG AA × Fail

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 59.1727, 62.2205, 56.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

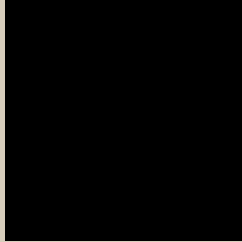
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

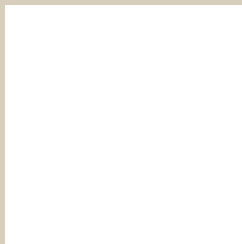
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1727, 62.2205, 56.4680

Background



This preview shows how black text looks on a background with the XYZ color 59.1727, 62.2205, 56.4680.

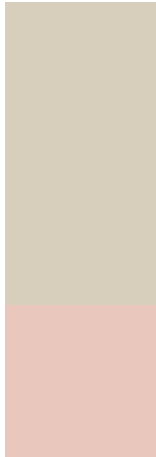


This preview shows how white text looks on a background with the XYZ color 59.1727, 62.2205,

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

59.1727, 62.2205, 56.4680

Protanopia

59.1727, 62.2205, 56.4680

Deuteranopia

63.2130, 61.8446, 56.7496



Tritanopia

62.9888, 62.3631, 75.0471

Trichromacy



Original Color

59.1727, 62.2205, 56.4680

Protanomaly

59.1727, 62.2205, 56.4680

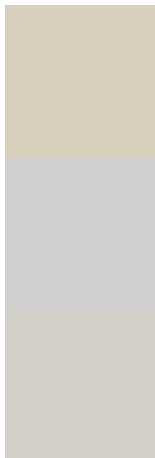
Deuteranomaly

61.6699, 62.0839, 56.8772

Tritanomaly

61.5319, 62.1223, 67.7792

Monochromacy



Original Color

59.1727, 62.2205, 56.4680

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3165, 62.4974, 63.5805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1727, 62.2205, 56.4680 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(215, 206, 188) looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 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(215, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.1727, 62.2205, 56.4680 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(215, 206, 188) }
```


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

```
.border{ border-color:rgb(215, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 206, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 206, 188); box-shadow:4px 4px 4px 4px rgb(215, 206, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1727, 62.2205, 56.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 188) }
```

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

```
.background{ background-color: rgb(215,  
206, 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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