

Converting Colors

XYZ(60.8065, 62.4175, 57.7849)

Have a look what the booklet for
XYZ(60.8065, 62.4175, 57.7849)
contains.

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Color

**XYZ(60.7059, 62.2756,
57.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCCBE
RGB	221, 204, 190
RGB Percent	87%, 80%, 75%
CMY	0.1333, 0.2000, 0.2549
CMYK	0.00, 0.08, 0.14, 0.13
HSL	27°, 31%, 81%
HSV	27°, 14%, 87%
XYZ	60.7059, 62.2756, 57.5360
YIQ	207.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

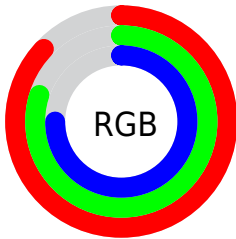
Format	Color
R_{YB}	221, 216, 190
Decimal	14535870
CIE Lab	83.06, 3.61, 9.10
CIE LCh	83, 9.791, 68.352
Yxy	62.2756, 0.3363, 0.3450
Android (android.graphics.Color)	4292725950 (0xFFDDCCBE)
YUV	207.4870, -8.6211, 11.8509
Hunter-Lab	78.9149, -0.7885, 12.0127

Details

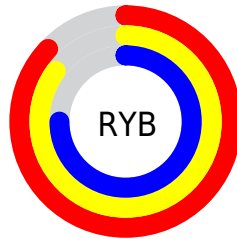
The XYZ color **60.7059, 62.2756, 57.5360** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5988, 60.7919, 77.1580**, and the grayscale version is **59.6710, 62.7786, 68.3659**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **31.1476, 31.7258, 28.1490** is the 20% darker color. If you saturate the color by 10%, you get **55.7030, 55.8464, 44.8412**, and if you desaturate by 10%, it is **66.3026, 69.3050, 72.2372**.

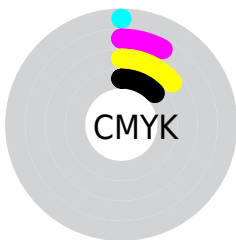
Distribution



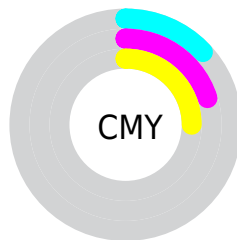
- Red (87%)
- Green (80%)
- Blue (75%)



- Red (87%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7059, 62.2756, 57.5360 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 60.7059, 62.2756, 57.5360 by changing the saturation by 10% instead.

60.7059, 62.2756,
57.5360

60.7059, 62.2756,
57.5360

416.9880,
432.9357, 433.0046

44.2395, 45.2554,
41.0235

104.9535,
108.1238, 102.7549

31.0576, 31.6587,
28.0176

133.4654,
137.7205, 132.2985

20.7947, 21.1009,
18.0998

166.7232,
172.2783, 167.0228

13.0856, 13.1978,
10.8515

205.0923,
212.1814, 207.3464

7.5649, 7.5649,
5.8541

248.9379,
257.8143, 253.6878

3.8673, 3.8178,
2.6892

298.6255,

1.6273, 1.5722,

309.5614, 306.4657

0.9380

354.5204,
367.8071, 366.0984

■ 0.4101, 0.3387,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7059, 62.2756,
57.5360

■ 60.7059, 62.2756,
57.5360

■ 55.7030, 55.8464,
44.8412

■ 66.3026, 69.3050,
72.2372

■ 51.2673, 49.9923,
34.0606

■ 72.5082, 76.9423,
89.0236

■ 47.3775, 44.6986,
25.1005

■ 79.1335, 85.1213,
106.8670

■ 44.0090, 39.9466,
17.8579

■ 82.8274, 92.5090,
108.0983

■ 41.1348, 35.7166,
12.2191

■ 83.6290, 94.1123,
108.3655

■ 38.7253, 31.9871,
8.0566

■ 36.7465, 28.7347,
5.2232

■ 35.1585, 25.9329,
3.5401

■ 34.3606, 24.4555,
2.9094

Harmonies

Analogous

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



62.4420, 62.2756, 60.8261



60.7059, 62.2756, 57.5360



58.6016, 62.2756, 56.9120

Triad

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



60.7059, 62.2756, 57.5360



55.2532, 62.2756, 69.5156



61.7537, 62.2756, 77.3697

Complementary

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



60.7059, 62.2756, 57.5360



56.5988, 60.7919, 77.1580

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.



59.7845, 62.2756, 80.0119



60.7059, 62.2756, 57.5360



56.0550, 62.2756, 75.3037

Square

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



60.7059, 62.2756, 57.5360



55.4866, 62.2756, 63.5961



57.7017, 62.2756, 79.2341



63.0569, 62.2756, 72.2010

Rectangle

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



60.7059, 62.2756, 57.5360



57.2784, 62.2756, 58.0541



57.7017, 62.2756, 79.2341



61.1459, 62.2756, 78.5964

Sweetspot

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



60.7076, 62.2784, 57.5373



91.6928, 95.8442, 99.8932



59.5015, 56.7073, 66.8737



19.4942, 20.3506, 21.0300



0.0000, 0.0000, 0.0000



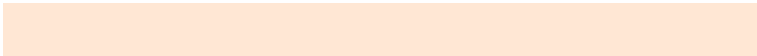
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7076, 62.2784, 57.5373



81.7209, 83.2784, 73.8233



64.5627, 69.9886, 58.8224



13.5380, 14.0154, 13.7173



20.0704, 14.4263, 1.7267



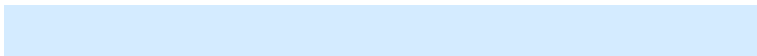
1.3855, 1.1052, 0.1403

Inverse Universe

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



56.5988, 60.7919, 77.1580



74.9283, 80.8205, 106.2585



53.0381, 53.6704, 75.9711



12.9274, 13.7946, 16.6334



11.6798, 11.2290, 41.2902



0.8423, 0.8988, 2.7035

Previews

White Background



This preview shows how the XYZ color 60.7059, 62.2756, 57.5360 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 60.7059, 62.2756, 57.5360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

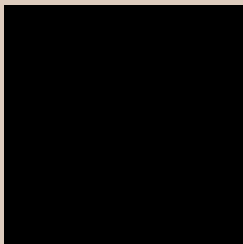
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

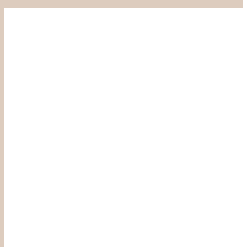
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7059, 62.2756, 57.5360

Background



This preview shows how black text looks on a background with the XYZ color 60.7059, 62.2756, 57.5360.



This preview shows how white text looks on a background with the XYZ color 60.7059, 62.2756,

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

60.7059, 62.2756, 57.5360

Protanopia

59.2068, 62.2003, 58.1755

Deuteranopia

63.6625, 62.3938, 57.9780



Tritanopia

63.7894, 62.1137, 73.5928

Trichromacy



Original Color

60.7059, 62.2756, 57.5360

Protanomaly

59.8506, 62.1759, 58.1369

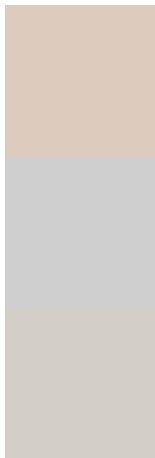
Deuteranomaly

62.6037, 62.1929, 57.9951

Tritanomaly

62.5806, 61.9663, 67.6938

Monochromacy



Original Color

60.7059, 62.2756, 57.5360

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7653, 62.3567, 64.1444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7059, 62.2756, 57.5360 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(221, 204, 190) looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 190)  
}
```

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(221, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 190) }
```

Border

The CSS property to change the border of an element to XYZ 60.7059, 62.2756, 57.5360 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(221, 204, 190) }
```


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

```
.border{ border-color:rgb(221, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 204, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 204, 190); box-shadow:4px 4px 4px 4px rgb(221, 204, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7059, 62.2756, 57.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 190) }
```

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

```
.background{ background-color: rgb(221,  
204, 190) }
```

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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