

Converting Colors

XYZ(60.8413, 62.5981, 63.2758)

Have a look what the booklet for
XYZ(60.8413, 62.5981, 63.2758)
contains.

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Color

**XYZ(60.8719, 62.5845,
63.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CDC8
RGB	217, 205, 200
RGB Percent	85%, 80%, 78%
CMY	0.1490, 0.1961, 0.2157
CMYK	0.00, 0.06, 0.08, 0.15
HSL	18°, 18%, 82%
HSV	18°, 8%, 85%
XYZ	60.8719, 62.5845, 63.5153
YIQ	208.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

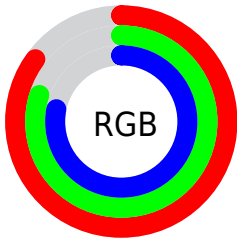
Format	Color
RYB	217, 207, 200
Decimal	14273992
CIELab	83.22, 3.30, 3.96
CIELCh	83, 5.158, 50.234
Yxy	62.5845, 0.3256, 0.3347
Android (android.graphics.Color)	4292464072 (0xFFD9CDC8)
YUV	208.0180, -3.9529, 7.8772
Hunter-Lab	79.1104, -1.0953, 7.7751

Details

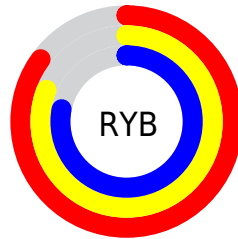
The XYZ color **60.8719, 62.5845, 63.5153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8871, 64.3749, 74.9155**, and the grayscale version is **59.9882, 63.1122, 68.7292**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.1552, 31.8899, 31.7074** is the 20% darker color. If you saturate the color by 10%, you get **55.0287, 54.6723, 49.9308**, and if you desaturate by 10%, it is **67.4371, 71.3632, 79.1179**.

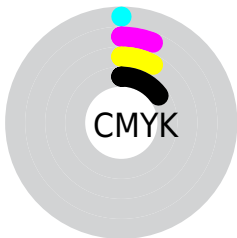
Distribution



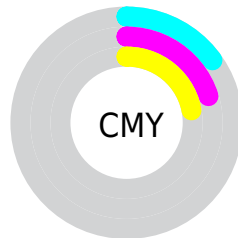
- Red (85%)
- Green (80%)
- Blue (78%)



- Red (85%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8719, 62.5845, 63.5153 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 60.8719, 62.5845, 63.5153 by changing the saturation by 10% instead.

■ 60.8719, 62.5845,
63.5153

■ 60.8719, 62.5845,
63.5153

417.5876,
434.0600, 455.5965

■ 44.3739, 45.5052,
45.8145

105.1926,
108.5699, 111.5053

■ 31.1638, 31.8555,
31.7519

133.7461,
138.2446, 142.6317

■ 20.8760, 21.2512,
20.9088

167.0487,
172.8867, 179.0703

■ 13.1454, 13.3077,
12.8668

205.4659,
212.8805, 221.2398

■ 7.6064, 7.6408,
7.2072

249.3631,
258.6103, 269.5586

■ 3.8938, 3.8660,
3.5116

299.1055,

■ 1.6422, 1.5989,

310.4605, 324.4453

1.3614

355.0585,
368.8156, 386.3184

■ 0.4197, 0.3568,
0.1114

■ 0.0000, 0.0000,
0.0000

■ 60.8719, 62.5845,
63.5153

■ 60.8719, 62.5845,
63.5153

■ 55.0287, 54.6723,
49.9308

■ 67.4371, 71.3632,
79.1179

■ 49.8769, 47.5917,
38.2774

■ 74.7431, 81.0256,
96.8125

■ 45.3915, 41.3178,
28.4680

■ 81.1450, 90.9307,
107.8823

■ 41.5437, 35.8210,
20.4068

■ 82.4256, 93.4919,
108.3092

■ 38.3025, 31.0698,
13.9895

■ 35.6344, 27.0307,
9.1008

■ 33.5017, 23.6672,
5.6097

■ 31.8620, 20.9392,
3.3633

■ 30.6599, 18.7993,
2.1477

Harmonies

Analogous

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



61.5269, 62.5845, 66.0344



60.8719, 62.5845, 63.5153



59.8505, 62.5845, 62.2486

Triad

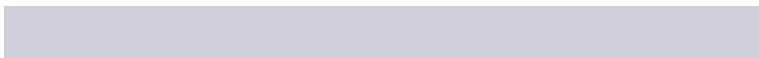
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8719, 62.5845, 63.5153



57.3889, 62.5845, 67.1038



60.2321, 62.5845, 74.0920

Complementary

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



60.8719, 62.5845, 63.5153



59.8871, 64.3749, 74.9155

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.



59.1204, 62.5845, 74.4001



60.8719, 62.5845, 63.5153



57.4882, 62.5845, 70.2978

Square

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



60.8719, 62.5845, 63.5153



57.8458, 62.5845, 64.2770



58.1187, 62.5845, 72.9920



61.1543, 62.5845, 72.1628

Rectangle

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



60.8719, 62.5845, 63.5153



59.1032, 62.5845, 62.2568



58.1187, 62.5845, 72.9920



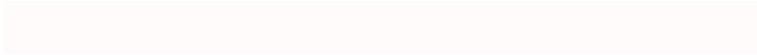
59.8679, 62.5845, 74.3909

Sweetspot

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



60.8736, 62.5872, 63.5166



93.1023, 97.4011, 104.2536



61.1771, 60.8239, 70.9252



19.9482, 20.8752, 22.3632



0.0000, 0.0000, 0.0000



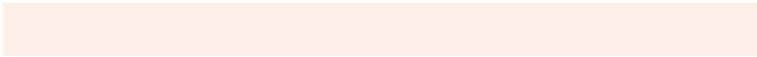
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8736, 62.5872, 63.5166



86.6221, 88.7081, 88.9381



62.9153, 66.6706, 64.1972



13.3668, 13.6730, 13.6602



18.5078, 11.3011, 1.2059



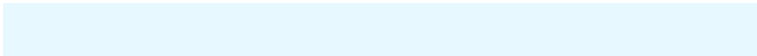
1.2728, 0.8796, 0.1027

Inverse Universe

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



59.8871, 64.3749, 74.9155



84.9876, 91.6695, 107.8224



57.8623, 60.3254, 74.2406



13.1044, 14.1485, 16.6924



14.5853, 17.0401, 42.2587



1.0182, 1.2506, 2.7622

Previews

White Background



This preview shows how the XYZ color 60.8719, 62.5845, 63.5153 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 60.8719, 62.5845, 63.5153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

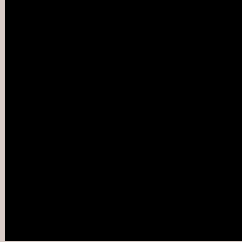
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8719, 62.5845, 63.5153

Background



This preview shows how black text looks on a background with the XYZ color 60.8719, 62.5845, 63.5153.



This preview shows how white text looks on a background with the XYZ color 60.8719, 62.5845,

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

60.8719, 62.5845, 63.5153

Protanopia

59.7653, 62.3567, 64.1444

Deuteranopia

63.8300, 62.3486, 63.9286



Tritanopia

63.2906, 62.5187, 75.0612

Trichromacy



Original Color

60.8719, 62.5845, 63.5153

Protanomaly

60.3455, 62.6558, 64.1716

Deuteranomaly

62.7145, 62.4657, 64.0100

Tritanomaly

62.3272, 62.4751, 70.4019

Monochromacy



Original Color

60.8719, 62.5845, 63.5153

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.1962, 62.8823, 66.7224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8719, 62.5845, 63.5153 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(217, 205, 200)` looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 200)  
}
```

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(217, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.8719, 62.5845, 63.5153 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(217, 205, 200) }
```


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

```
.border{ border-color:rgb(217, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(217, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8719, 62.5845, 63.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 200) }
```

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

```
.background{ background-color: rgb(217,  
205, 200) }
```

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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