

Converting Colors

XYZ(61.8095, 61.9070, 63.4257)

Have a look what the booklet for
XYZ(61.8095, 61.9070, 63.4257)
contains.

XYZ(61.9773, 62.0992, 63.3634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.9773, 62.0992,
63.3634)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCAC8
RGB	223, 202, 200
RGB Percent	87%, 79%, 78%
CMY	0.1255, 0.2078, 0.2157
CMYK	0.00, 0.09, 0.10, 0.13
HSL	5°, 26%, 83%
HSV	5°, 10%, 87%
XYZ	61.9773, 62.0992, 63.3634
YIQ	208.0510, 13.1580, 3.8300

Conversions

Conversions Part 2

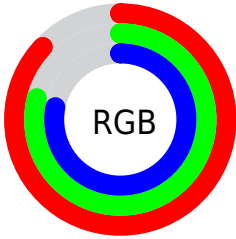
Format	Color
R _Y B	223, 202, 200
Decimal	14666440
CIE Lab	82.97, 7.00, 3.65
CIE LCh	83, 7.897, 27.566
Yxy	62.0992, 0.3307, 0.3313
Android (android.graphics.Color)	4292856520 (0xFFDFC8)
YUV	208.0510, -3.9691, 13.1103
Hunter-Lab	78.8030, 2.4820, 7.4886

Details

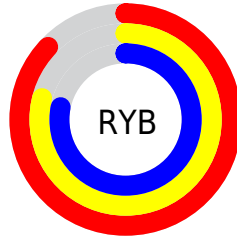
The XYZ color **61.9773, 62.0992, 63.3634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9949, 69.3187, 79.8724**, and the grayscale version is **60.0077, 63.1328, 68.7516**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.9267, 31.5800, 31.6070** is the 20% darker color. If you saturate the color by 10%, you get **55.0937, 52.2025, 49.1348**, and if you desaturate by 10%, it is **69.8747, 73.4136, 79.8068**.

Distribution



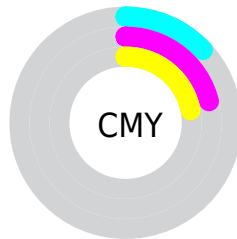
- Red (87%)
- Green (79%)
- Blue (78%)



- Red (87%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9773, 62.0992, 63.3634 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 61.9773, 62.0992, 63.3634 by changing the saturation by 10% instead.

■ 61.9773, 62.0992,
63.3634

■ 61.9773, 62.0992,
63.3634

421.5672,
432.2928, 455.0313

■ 45.2699, 45.1129,
45.6924

106.7828,
107.8689, 111.2843

■ 31.8722, 31.5463,
31.6562

135.6117,
137.4210, 142.3712

■ 21.4190, 21.0152,
20.8364

169.2117,
171.9306, 178.7671

■ 13.5448, 13.1351,
12.8144

207.9483,
211.7819, 220.8906

■ 7.8844, 7.5217,
7.1716

252.1868,
257.3594, 269.1603

■ 4.0722, 3.7904,
3.4896

302.2925,

■ 1.7431, 1.5570,

309.0474, 323.9946

1.3497

358.6309,
367.2305, 385.8121

■ 0.4830, 0.3284,
0.1020

■ 0.0000, 0.0000,
0.0000

■ 61.9773, 62.0992,
63.3634

■ 61.9773, 62.0992,
63.3634

■ 55.0937, 52.2025,
49.1348

■ 69.8747, 73.4136,
79.8068

■ 49.1777, 43.6599,
37.0226

■ 78.8191, 86.1899,
98.5498

■ 44.1875, 36.4147,
26.9268

■ 84.2417, 94.4281,
108.3942

■ 40.0761, 30.4036,
18.7378

■ 36.7923, 25.5576,
12.3357

■ 34.2797, 21.8011,
7.5867

■ 32.4746, 19.0494,
4.3384

■ 31.3031, 17.2054,
2.4101

■ 30.6719, 16.1686,
1.5043

Harmonies

Analogous

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



62.3595, 62.0992, 68.0150



61.9773, 62.0992, 63.3634



60.7991, 62.0992, 59.9974

Triad

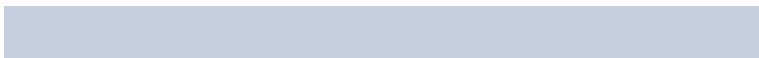
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.9773, 62.0992, 63.3634



56.2997, 62.0992, 62.7043



58.8843, 62.0992, 77.4355

Complementary

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



61.9773, 62.0992, 63.3634



62.9949, 69.3187, 79.8724

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.



57.2827, 62.0992, 75.8526



61.9773, 62.0992, 63.3634



55.8085, 62.0992, 67.2175

Square

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



61.9773, 62.0992, 63.3634



57.5194, 62.0992, 59.6299



56.1649, 62.0992, 72.0536



60.5534, 62.0992, 76.2839

Rectangle

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



61.9773, 62.0992, 63.3634



59.7321, 62.0992, 58.8557



56.1649, 62.0992, 72.0536



58.3204, 62.0992, 77.2039

Sweetspot

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



61.9790, 62.1019, 63.3647



91.6551, 95.1420, 101.8126



64.1487, 62.2223, 77.0946



19.4284, 20.0929, 21.3969



0.0000, 0.0000, 0.0000



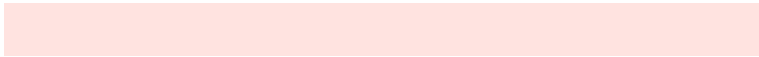
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9790, 62.1019, 63.3647



82.2361, 81.6379, 82.2292



64.7567, 67.6573, 64.2906



13.8028, 13.8915, 14.2606



18.0687, 9.5753, 0.8959



1.2861, 0.7310, 0.0733

Inverse Universe

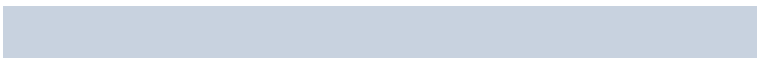
The Inverse Universe completely reimagines the original color for something new.



62.9949, 69.3187, 79.8724



83.8299, 92.9619, 108.1329



60.0834, 63.4957, 78.9019



14.0091, 15.3573, 17.6136



20.5100, 28.4895, 45.4664



1.4521, 2.0356, 3.1616

Previews

White Background



This preview shows how the XYZ color 61.9773, 62.0992, 63.3634 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 61.9773, 62.0992, 63.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

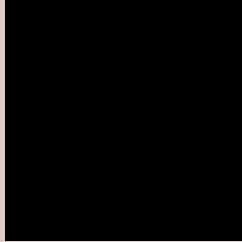
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9773, 62.0992, 63.3634

Background



This preview shows how black text looks on a background with the XYZ color 61.9773, 62.0992, 63.3634.



This preview shows how white text looks on a background with the XYZ color 61.9773, 62.0992,

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

61.9773, 62.0992, 63.3634

Protanopia

59.5959, 62.2558, 64.7526

Deuteranopia

63.3927, 62.1367, 63.2960



Tritanopia

63.9714, 62.2224, 72.9284

Trichromacy



Original Color

61.9773, 62.0992, 63.3634

Protanomaly

60.3983, 62.3268, 64.1053

Deuteranomaly

62.9905, 62.2743, 63.3438

Tritanomaly

63.2600, 62.2737, 69.6586

Monochromacy



Original Color

61.9773, 62.0992, 63.3634

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.5313, 62.6965, 66.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9773, 62.0992, 63.3634 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(223, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 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(223, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 200) }
```

Border

The CSS property to change the border of an element to XYZ 61.9773, 62.0992, 63.3634 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(223, 202, 200) }
```


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

```
.border{ border-color:rgb(223, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9773, 62.0992, 63.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 200) }
```

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

```
.background{ background-color: rgb(223,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor