

Converting Colors

XYZ(63.8192, 69.4245, 64.4149)

Have a look what the booklet for
XYZ(63.8192, 69.4245, 64.4149)
contains.

XYZ(63.7812, 69.2802, 64.6544)	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(63.7812, 69.2802,
64.6544)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DBC8
RGB	215, 219, 200
RGB Percent	84%, 86%, 78%
CMY	0.1569, 0.1412, 0.2157
CMYK	0.02, 0.00, 0.09, 0.14
HSL	73°, 21%, 82%
HSV	73°, 9%, 86%
XYZ	63.7812, 69.2802, 64.6544
YIQ	215.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

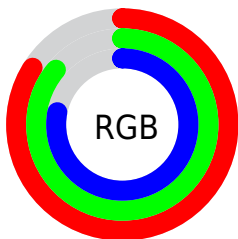
Format	Color
RYB	200, 219, 204
Decimal	14146504
CIELab	86.64, -4.68, 8.87
CIELCh	87, 10.026, 117.825
Yxy	69.2802, 0.3226, 0.3504
Android (android.graphics.Color)	4292336584 (0xFFD7DBC8)
YUV	215.6380, -7.7095, -0.5595
Hunter-Lab	83.2347, -8.8796, 12.2095

Details

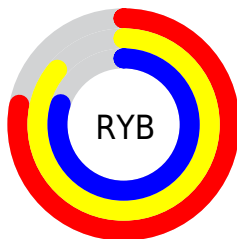
The XYZ color **63.7812, 69.2802, 64.6544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3449, 59.2623, 75.3851**, and the grayscale version is **65.0746, 68.4635, 74.5568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9610, 36.0998, 32.4249** is the 20% darker color. If you saturate the color by 10%, you get **60.0676, 67.6427, 52.0632**, and if you desaturate by 10%, it is **67.9035, 71.0901, 79.1814**.

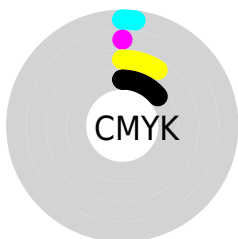
Distribution



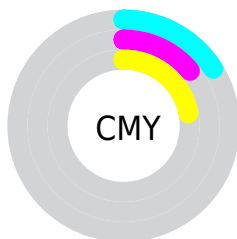
- Red (84%)
- Green (86%)
- Blue (78%)



- Red (78%)
- Yellow (86%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7812, 69.2802, 64.6544 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 63.7812, 69.2802, 64.6544 by changing the saturation by 10% instead.

63.7812, 69.2802,
64.6544

63.7812, 69.2802,
64.6544

428.0138,
458.0186, 459.8212

46.7345, 50.9399,
46.7313

109.3713,
118.1817, 113.1614

33.0329, 36.1608,
32.4705

138.6453,
149.5117, 144.5823

22.3110, 24.5584,
21.4533

172.7259,
185.9405, 181.3397

14.2035, 15.7484,
13.2613

211.9784,
227.8523, 223.8520

8.3450, 9.3463,
7.4759

256.7680,
275.6316, 272.5377

4.3701, 4.9677,
3.6785

307.4603,

1.9136, 2.2283,

329.6629, 327.8155

1.4507

364.4204,
390.3304, 390.1038

■ 0.5847, 0.7354,
0.1808

■ 0.0000, 0.0000,
0.0000

■ 63.7812, 69.2802,
64.6544

■ 63.7812, 69.2802,
64.6544

■ 60.0676, 67.6427,
52.0632

■ 67.9035, 71.0901,
79.1814

■ 56.7412, 66.1621,
41.3216

■ 72.4438, 73.0695,
95.7166

■ 53.7869, 64.8348,
32.3437

■ 75.6463, 74.5181,
105.0042

■ 51.1865, 63.6534,
25.0347

■ 77.1370, 75.2866,
105.0740

■ 48.9201, 62.6098,
19.2912

■ 78.6672, 76.0755,
105.1456

■ 46.9654, 61.6951,
14.9981

■ 80.2371, 76.8848,
105.2190

■ 45.2973, 60.8992,
12.0248

■ 81.8470, 77.7147,
105.2944

■ 43.8862, 60.2103,
10.2170

■ 83.4972, 78.5654,
105.3716

■ 42.6870, 59.6103,
9.3393

■ 84.6229, 79.1457,
105.4243

Harmonies

Analogous

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



66.0188, 69.2802, 63.3343



63.7812, 69.2802, 64.6544



62.1318, 69.2802, 68.8110

Triad

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



63.7812, 69.2802, 64.6544



63.4935, 69.2802, 86.8150



70.4243, 69.2802, 75.9221

Complementary

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



63.7812, 69.2802, 64.6544



58.3449, 59.2623, 75.3851

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.



69.7111, 69.2802, 82.4697



63.7812, 69.2802, 64.6544



65.6790, 69.2802, 88.9850

Square

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



63.7812, 69.2802, 64.6544



61.9685, 69.2802, 81.5784



67.9605, 69.2802, 87.3505



69.8877, 69.2802, 69.6068

Rectangle

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



63.7812, 69.2802, 64.6544



61.5690, 69.2802, 72.7626



67.9605, 69.2802, 87.3505



70.3224, 69.2802, 78.1708

Sweetspot

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



63.7831, 69.2832, 64.6559



93.2521, 99.2126, 102.5142



61.1864, 62.3229, 63.4493



19.8589, 21.1913, 21.5862



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.



63.7831, 69.2832, 64.6559



89.2637, 97.4603, 88.6023



61.1295, 67.9153, 64.5317



13.8797, 15.1182, 13.9121



25.3149, 35.3478, 5.4886



1.7087, 2.3254, 0.3588

Inverse Universe

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



58.3449, 59.2623, 75.3851



80.4268, 81.1762, 106.0374



60.9704, 60.6158, 75.5079



12.5938, 12.7487, 16.4491



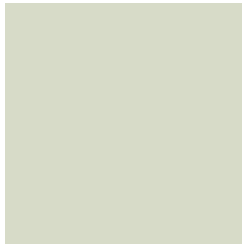
8.3279, 3.4174, 39.9591



0.6122, 0.2589, 2.5921

Previews

White Background



This preview shows how the XYZ color 63.7812, 69.2802, 64.6544 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 63.7812, 69.2802, 64.6544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

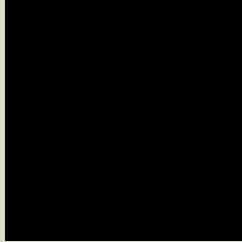
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

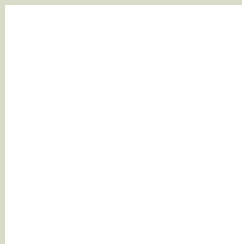
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7812, 69.2802, 64.6544

Background



This preview shows how black text looks on a background with the XYZ color 63.7812, 69.2802, 64.6544.



This preview shows how white text looks on a background with the XYZ color 63.7812, 69.2802,

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

63.7812, 69.2802, 64.6544

Protanopia

65.8002, 69.1965, 63.3143

Deuteranopia

70.4233, 68.9199, 65.4683



Tritanopia

67.9856, 69.0783, 85.3515

Trichromacy



Original Color

63.7812, 69.2802, 64.6544

Protanomaly

64.9405, 69.1214, 63.9519

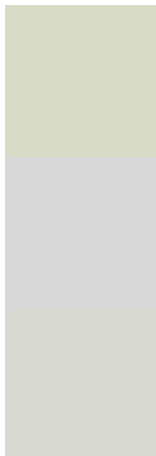
Deuteranomaly

67.9411, 69.1292, 65.0207

Tritanomaly

66.3876, 69.1845, 77.5651

Monochromacy



Original Color

63.7812, 69.2802, 64.6544

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7646, 68.8778, 70.8540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7812, 69.2802, 64.6544 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, 219, 200) looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 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(215, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 200) }
```

Border

The CSS property to change the border of an element to XYZ 63.7812, 69.2802, 64.6544 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, 219, 200) }
```


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

```
.border{ border-color:rgb(215, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7812, 69.2802, 64.6544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 200) }
```

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

```
.background{ background-color: rgb(215,  
219, 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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