

Converting Colors

XYZ(63.9592, 69.4005, 67.1168)

Have a look what the booklet for
XYZ(63.9592, 69.4005, 67.1168)
contains.

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Color

**XYZ(63.9622, 69.3188,
67.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DBCC
RGB	214, 219, 204
RGB Percent	84%, 86%, 80%
CMY	0.1608, 0.1412, 0.2000
CMYK	0.02, 0.00, 0.07, 0.14
HSL	80°, 17%, 83%
HSV	80°, 7%, 86%
XYZ	63.9622, 69.3188, 67.1354
YIQ	215.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

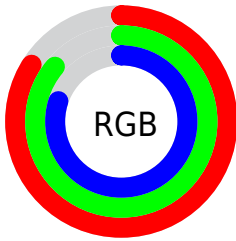
Format	Color
R _Y B	204, 219, 209
Decimal	14080972
CIE Lab	86.66, -4.35, 6.78
CIE LCh	87, 8.052, 122.688
Yxy	69.3188, 0.3191, 0.3459
Android (android.graphics.Color)	4292271052 (0xFFD6DBCC)
YUV	215.7950, -5.8149, -1.5742
Hunter-Lab	83.2579, -8.5702, 10.4718

Details

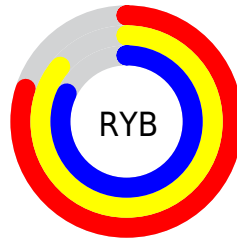
The XYZ color **63.9622, 69.3188, 67.1354** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6761, 61.8573, 75.7631**, and the grayscale version is **65.1698, 68.5637, 74.6659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.0786, 36.1239, 34.0833** is the 20% darker color. If you saturate the color by 10%, you get **59.4345, 67.2692, 54.1625**, and if you desaturate by 10%, it is **68.9587, 71.5715, 82.0612**.

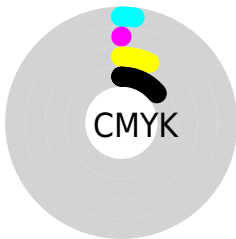
Distribution



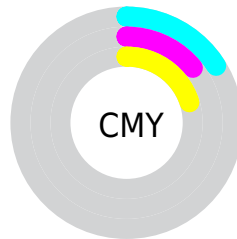
- Red (84%)
- Green (86%)
- Blue (80%)



- Red (80%)
- Yellow (86%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (14%)



- Cyan (16%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9622, 69.3188, 67.1354 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 63.9622, 69.3188, 67.1354 by changing the saturation by 10% instead.

■ 63.9622, 69.3188,
67.1354

■ 63.9622, 69.3188,
67.1354

428.6575,
458.1546, 468.9412

■ 46.8816, 50.9714,
48.7324

109.6305,
118.2368, 116.7569

■ 33.1496, 36.1858,
34.0431

138.9490,
149.5762, 148.8125

■ 22.4009, 24.5778,
22.6491

173.0775,
186.0150, 186.2559

■ 14.2700, 15.7627,
14.1318

212.3813,
227.9377, 229.5059

■ 8.3917, 9.3564,
8.0726

257.2259,
275.7285, 278.9808

■ 4.4005, 4.9744,
4.0530

307.9766,

■ 1.9311, 2.2322,

329.7721, 335.0994

1.6545

364.9986,
390.4526, 398.2800

■ 0.5948, 0.7375,
0.3292

■ 0.0000, 0.0000,
0.0000

■ 63.9622, 69.3188,
67.1354

■ 63.9622, 69.3188,
67.1354

■ 59.4345, 67.2692,
54.1625

■ 68.9587, 71.5715,
82.0612

■ 55.3534, 65.4069,
43.0571

■ 74.4340, 74.0246,
99.0115

■ 51.7031, 63.7276,
33.7344

■ 77.9461, 75.7037,
105.1118

■ 48.4645, 62.2237,
26.1011

■ 80.4199, 76.9790,
105.2276

■ 45.6172, 60.8867,
20.0555

■ 82.9941, 78.3061,
105.3481

■ 43.1383, 59.7074,
15.4848

■ 84.6229, 79.1457,
105.4243

■ 41.0023, 58.6754,
12.2616

■ 39.1795, 57.7786,
10.2367

■ 37.6317, 57.0016,
9.2171

Harmonies

Analogous

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



65.7170, 69.3188, 65.6483



63.9622, 69.3188, 67.1354



62.7414, 69.3188, 70.8483

Triad

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



63.9622, 69.3188, 67.1354



64.2490, 69.3188, 85.0028



69.5436, 69.3188, 74.9945

Complementary

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



63.9622, 69.3188, 67.1354



60.6761, 61.8573, 75.7631

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.



69.1328, 69.3188, 80.3017



63.9622, 69.3188, 67.1354



66.0542, 69.3188, 86.2395

Square

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



63.9622, 69.3188, 67.1354



62.9047, 69.3188, 81.1767



67.8469, 69.3188, 84.4811



68.9589, 69.3188, 70.0494

Rectangle

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



63.9622, 69.3188, 67.1354



62.3823, 69.3188, 74.1730



67.8469, 69.3188, 84.4811



69.5174, 69.3188, 76.7950

Sweetspot

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



63.9641, 69.3218, 67.1369



93.6166, 99.3547, 104.6035



62.9154, 65.0229, 66.3624



20.0529, 21.2728, 22.4345



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.



63.9641, 69.3218, 67.1369



89.4788, 97.4875, 92.3955



61.8254, 68.2192, 67.0368



13.7184, 15.0351, 13.9046



22.1659, 33.7244, 5.3412



1.5260, 2.2312, 0.3502

Inverse Universe

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



60.6761, 61.8573, 75.7631



84.0574, 85.1797, 106.6188



62.8483, 62.9771, 75.8647



12.7458, 12.8271, 16.4562



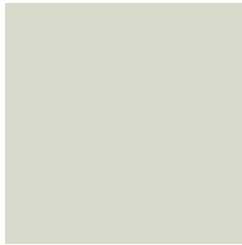
9.3166, 3.9271, 40.0054



0.6932, 0.3006, 2.5959

Previews

White Background



This preview shows how the XYZ color 63.9622, 69.3188, 67.1354 looks on a white background.

Color Contrast Check

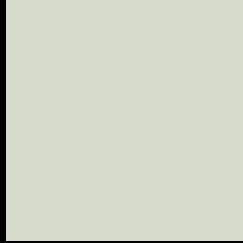
Large Text (above 18pt) WCAG AA × Fail

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 63.9622, 69.3188, 67.1354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

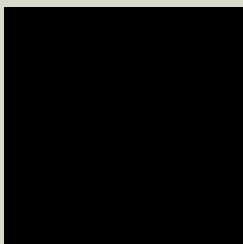
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

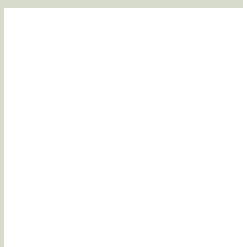
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9622, 69.3188, 67.1354

Background



This preview shows how black text looks on a background with the XYZ color 63.9622, 69.3188, 67.1354.



This preview shows how white text looks on a background with the XYZ color 63.9622, 69.3188,

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

63.9622, 69.3188, 67.1354

Protanopia

65.9570, 69.2233, 65.7622

Deuteranopia

70.5590, 68.9344, 67.9793



Tritanopia

67.7794, 69.3325, 86.1541

Trichromacy



Original Color

63.9622, 69.3188, 67.1354

Protanomaly

65.1075, 69.1531, 66.4163

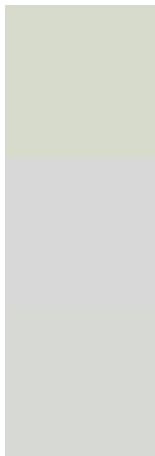
Deuteranomaly

68.0924, 69.1521, 67.5164

Tritanomaly

66.3560, 69.1374, 78.9548

Monochromacy



Original Color

63.9622, 69.3188, 67.1354

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.7209, 68.8262, 72.1610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9622, 69.3188, 67.1354 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(214, 219, 204) looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 204)  
}
```

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(214, 219, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 204) }
```

Border

The CSS property to change the border of an element to XYZ 63.9622, 69.3188, 67.1354 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(214, 219, 204) }
```


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

```
.border{ border-color:rgb(214, 219, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 204);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9622, 69.3188, 67.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 204) }
```

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

```
.background{ background-color: rgb(214,  
219, 204) }
```

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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