

Converting Colors

XYZ(63.6375, 69.5199, 60.6553)

Have a look what the booklet for
XYZ(63.6375, 69.5199, 60.6553)
contains.

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Color

**XYZ(63.8341, 69.7884,
60.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	D9DCC1
RGB	217, 220, 193
RGB Percent	85%, 86%, 76%
CMY	0.1490, 0.1372, 0.2431
CMYK	0.01, 0.00, 0.12, 0.14
HSL	67°, 28%, 81%
HSV	67°, 12%, 86%
XYZ	63.8341, 69.7884, 60.5582
YIQ	216.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

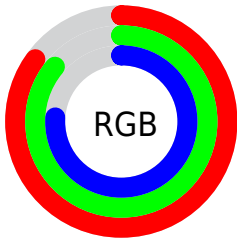
Format	Color
RYB	193, 220, 196
Decimal	14277825
CIELab	86.89, -5.64, 12.93
CIELCh	87, 14.102, 113.565
Yxy	69.7884, 0.3287, 0.3594
Android (android.graphics.Color)	4292467905 (0xFFD9DCC1)
YUV	216.0250, -11.3513, 0.8551
Hunter-Lab	83.5395, -9.7988, 15.4980

Details

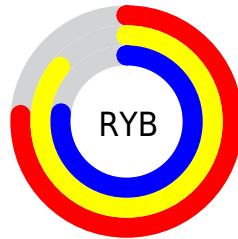
The XYZ color **63.8341, 69.7884, 60.5582** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7560, 55.0450, 75.4528**, and the grayscale version is **65.3605, 68.7643, 74.8844**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **33.0156, 36.4557, 29.7226** is the 20% darker color. If you saturate the color by 10%, you get **60.8386, 68.5091, 48.5457**, and if you desaturate by 10%, it is **67.2093, 71.2255, 74.4971**.

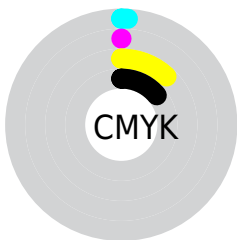
Distribution



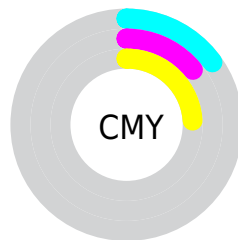
- Red (85%)
- Green (86%)
- Blue (76%)



- Red (76%)
- Yellow (86%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.8341, 69.7884, 60.5582 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 63.8341, 69.7884, 60.5582 by changing the saturation by 10% instead.

■ 63.8341, 69.7884,
60.5582

■ 63.8341, 69.7884,
60.5582

428.2020,
459.8067, 444.5139

■ 46.7775, 51.3540,
43.4405

■ 109.4470,
118.9069, 107.1903

■ 33.0670, 36.4905,
29.8969

138.7341,
150.3599, 137.5417

■ 22.3373, 24.8132,
19.5090

172.8287,
186.9213, 173.1414

■ 14.2229, 15.9380,
11.8581

212.0962,
228.9753, 214.4081

■ 8.3586, 9.4803,
6.5258

256.9019,
276.9065, 261.7601

■ 4.3790, 5.0557,
3.0934

307.6112,

■ 1.9187, 2.2800,

331.0992, 315.6160

1.1425

364.5895,
391.9378, 376.3944

■ 0.5877, 0.7631,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8341, 69.7884,
60.5582

■ 63.8341, 69.7884,
60.5582

■ 60.8386, 68.5091,
48.5457

■ 67.2093, 71.2255,
74.4971

■ 58.2011, 67.3719,
38.3706

■ 70.9737, 72.8172,
90.4374

■ 55.9061, 66.3729,
29.9434

■ 74.4921, 74.3117,
105.0252

■ 53.9349, 65.5047,
23.1655

■ 75.2579, 74.7065,
105.0610

■ 52.2668, 64.7589,
17.9284

■ 76.0347, 75.1069,
105.0974

■ 50.8787, 64.1264,
14.1107

■ 76.8224, 75.5131,
105.1342

■ 49.7441, 63.5965,
11.5728

■ 77.6213, 75.9249,
105.1716

■ 48.8310, 63.1564,
10.1469

■ 78.4312, 76.3424,
105.2095

■ 48.2363, 62.8615,
9.5912

■ 79.2524, 76.7657,
105.2480

Harmonies

Analogous

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



67.0435, 69.7884, 59.3652



63.8341, 69.7884, 60.5582



61.3702, 69.7884, 65.7252

Triad

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



63.8341, 69.7884, 60.5582



62.6443, 69.7884, 91.5195



72.8202, 69.7884, 78.0368

Complementary

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



63.8341, 69.7884, 60.5582



54.7560, 55.0450, 75.4528

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.



71.5538, 69.7884, 87.2664



63.8341, 69.7884, 60.5582



65.6252, 69.7884, 95.4551

Square

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



63.8341, 69.7884, 60.5582



60.6993, 69.7884, 83.4653



68.8938, 69.7884, 93.8378



72.3023, 69.7884, 68.9706

Rectangle

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



63.8341, 69.7884, 60.5582



60.4460, 69.7884, 70.9751



68.8938, 69.7884, 93.8378



72.5878, 69.7884, 81.2310

Sweetspot

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



63.8360, 69.7915, 60.5597



93.0346, 99.1457, 100.4598



58.8155, 58.4125, 58.6279



19.8342, 21.1877, 21.1736



0.0000, 0.0000, 0.0000



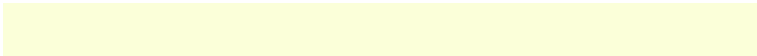
20.3446, 21.4041, 23.3091

Same Dimension

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



63.8360, 69.7915, 60.5597



87.9433, 96.9784, 79.5589



60.0684, 67.8492, 60.3834



14.0121, 15.1865, 13.9183



28.3669, 36.9212, 5.6314



1.8793, 2.4134, 0.3668

Inverse Universe

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



54.7560, 55.0450, 75.4528



72.6191, 72.0900, 104.6951



58.3416, 56.8934, 75.6206



12.4725, 12.6862, 16.4434



7.8559, 3.1741, 39.9370



0.5551, 0.2294, 2.5895

Previews

White Background



This preview shows how the XYZ color 63.8341, 69.7884, 60.5582 looks on a white background.

Color Contrast Check

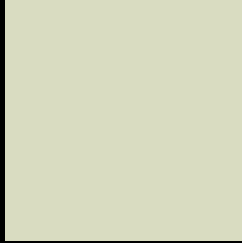
Large Text (above 18pt) WCAG AA × Fail

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 63.8341, 69.7884, 60.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

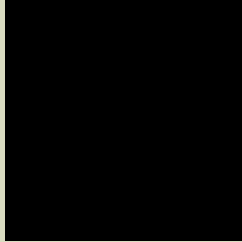
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

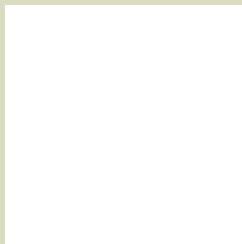
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8341, 69.7884, 60.5582

Background



This preview shows how black text looks on a background with the XYZ color 63.8341, 69.7884, 60.5582.



This preview shows how white text looks on a background with the XYZ color 63.8341, 69.7884,

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

63.8341, 69.7884, 60.5582

Protanopia

65.8954, 69.7182, 59.2741

Deuteranopia

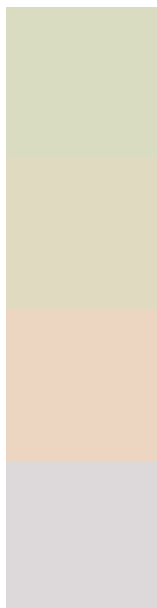
71.2547, 69.8075, 61.3484



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

63.8341, 69.7884, 60.5582

Protanomaly

65.0173, 69.6366, 59.8836

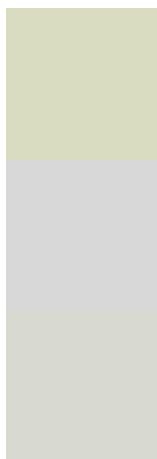
Deuteranomaly

68.3762, 69.8210, 60.9119

Tritanomaly

66.8990, 69.4936, 75.5333

Monochromacy



Original Color

63.8341, 69.7884, 60.5582

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5169, 68.7787, 69.5497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8341, 69.7884, 60.5582 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, 220, 193) looks like.

```
.text, #text, p{  
    color:rgb(217, 220, 193)  
}
```

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, 220, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 220, 193) }
```

Border

The CSS property to change the border of an element to XYZ 63.8341, 69.7884, 60.5582 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, 220, 193) }
```


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

```
.border{ border-color:rgb(217, 220, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 220, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 220, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 220, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 220,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8341, 69.7884, 60.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 220, 193) }
```

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

```
.background{ background-color: rgb(217,  
220, 193) }
```

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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