

Converting Colors

XYZ(61.5247, 70.1564, 68.0438)

Have a look what the booklet for
XYZ(61.5247, 70.1564, 68.0438)
contains.

XYZ(61.4945, 69.9984, 68.0276)	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(61.4945, 69.9984,
68.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E0CD
RGB	200, 224, 205
RGB Percent	78%, 88%, 80%
CMY	0.2157, 0.1215, 0.1961
CMYK	0.11, 0.00, 0.08, 0.12
HSL	132°, 28%, 83%
HSV	132°, 11%, 88%
XYZ	61.4945, 69.9984, 68.0276
YIQ	214.6580, -8.2050, -10.9970

Conversions

Conversions Part 2

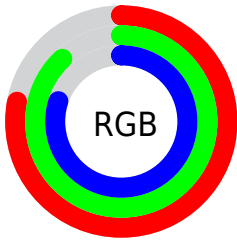
Format	Color
RYB	200, 220, 224
Decimal	13164749
CIELab	87.00, -11.50, 6.60
CIElCh	87, 13.259, 150.137
Yxy	69.9984, 0.3082, 0.3508
Android (android.graphics.Color)	4291354829 (0xFFC8E0CD)
YUV	214.6580, -4.7614, -12.8551
Hunter-Lab	83.6650, -15.2149, 10.3572

Details

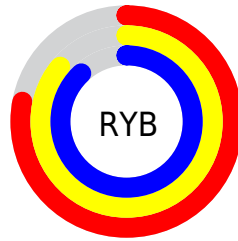
The XYZ color **61.4945, 69.9984, 68.0276** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1834, 62.2720, 75.6579**, and the grayscale version is **64.3968, 67.7504, 73.7802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6279, 36.7213, 34.6991** is the 20% darker color. If you saturate the color by 10%, you get **53.9240, 66.3311, 57.1252**, and if you desaturate by 10%, it is **70.1881, 74.2206, 80.2522**.

Distribution



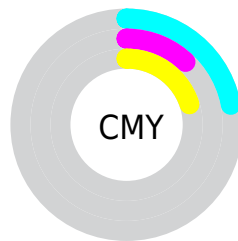
- Red (78%)
- Green (88%)
- Blue (80%)



- Red (78%)
- Yellow (86%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4945, 69.9984, 68.0276 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 61.4945, 69.9984, 68.0276 by changing the saturation by 10% instead.

61.4945, 69.9984,
68.0276

61.4945, 69.9984,
68.0276

419.8318,
460.5444, 472.1945

44.8784, 51.5252,
49.4534

106.0887,
119.2065, 118.0462

31.5625, 36.6268,
34.6111

134.7975,
150.7102, 150.3277

21.1815, 24.9187,
23.0823

168.2679,
187.3262, 188.0153

13.3700, 16.0165,
14.4484

206.8653,
229.4388, 231.5276

7.7625, 9.5358,
8.2909

250.9550,
277.4326, 281.2831

3.9939, 5.0923,
4.1912

300.9025,

1.6987, 2.3015,

331.6919, 337.7004

1.7308

357.0729,
392.6010, 401.1980

■ 0.4554, 0.7745,
0.3817

■ 0.0000, 0.0000,
0.0000

■ 61.4945, 69.9984,
68.0276

■ 61.4945, 69.9984,
68.0276

■ 53.9240, 66.3311,
57.1252

■ 70.1881, 74.2206,
80.2522

■ 47.4247, 63.1870,
47.4961

■ 80.0424, 79.0102,
93.8364

■ 41.9494, 60.5447,
39.0951

■ 85.9470, 81.7940,
105.8657

■ 37.4448, 58.3777,
31.8727

■ 33.8531, 56.6573,
25.7759

■ 31.1097, 55.3515,
20.7479

■ 29.1416, 54.4239,
16.7266

■ 27.8628, 53.8315,
13.6436

■ 27.1633, 53.5165,
11.5520

Harmonies

Analogous

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



63.5831, 69.9984, 62.3846



61.4945, 69.9984, 68.0276



60.7465, 69.9984, 76.2571

Triad

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



61.4945, 69.9984, 68.0276



66.5456, 69.9984, 94.5951



71.8211, 69.9984, 67.9623

Complementary

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



61.4945, 69.9984, 68.0276



64.1834, 62.2720, 75.6579

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.



72.6723, 69.9984, 76.1757



61.4945, 69.9984, 68.0276



69.5694, 69.9984, 91.9550

Square

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



61.4945, 69.9984, 68.0276



63.6070, 69.9984, 92.0011



71.8361, 69.9984, 85.0372



69.5440, 69.9984, 62.3489

Rectangle

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



61.4945, 69.9984, 68.0276



61.0901, 69.9984, 82.2461



71.8361, 69.9984, 85.0372



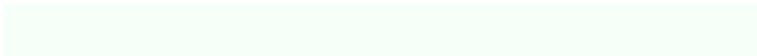
72.2866, 69.9984, 70.4888

Sweetspot

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



61.4964, 70.0014, 68.0291



91.3314, 98.1939, 103.7161



66.3574, 72.5759, 65.1556



19.3411, 20.9167, 21.9090



0.0000, 0.0000, 0.0000



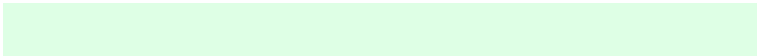
20.3446, 21.4041, 23.3091

Same Dimension

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



61.4964, 70.0014, 68.0291



79.9470, 92.6694, 87.6234



62.9757, 70.5931, 75.8186



13.6450, 15.3837, 15.1658



15.8440, 31.1625, 6.9018



1.1307, 2.1730, 0.6497

Inverse Universe

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



64.1834, 62.2720, 75.6579



84.2794, 80.2061, 99.9230



62.6839, 61.6722, 67.7615



14.1663, 13.8842, 16.6459



22.5751, 11.0970, 25.4920



1.5959, 0.7816, 1.9308

Previews

White Background



This preview shows how the XYZ color 61.4945, 69.9984, 68.0276 looks on a white background.

Color Contrast Check

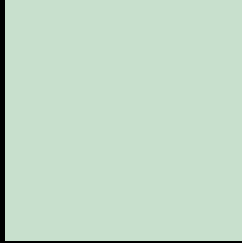
Large Text (above 18pt) WCAG AA × Fail

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 61.4945, 69.9984, 68.0276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

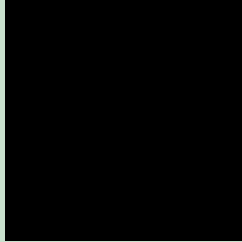
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

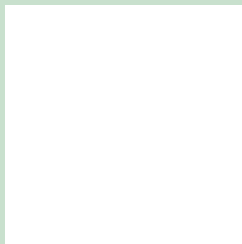
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4945, 69.9984, 68.0276

Background



This preview shows how black text looks on a background with the XYZ color 61.4945, 69.9984, 68.0276.



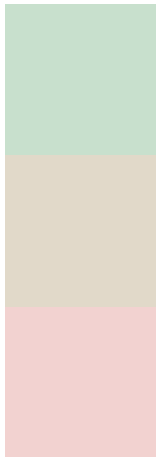
This preview shows how white text looks on a background with the XYZ color 61.4945, 69.9984,

68.0276.

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

61.4945, 69.9984, 68.0276

Protanopia

66.4068, 69.8503, 65.2408

Deuteranopia

71.0497, 69.5245, 69.3494



Tritanopia

65.7944, 69.7566, 90.1174

Trichromacy



Original Color

61.4945, 69.9984, 68.0276

Protanomaly

64.5728, 70.0496, 65.9947

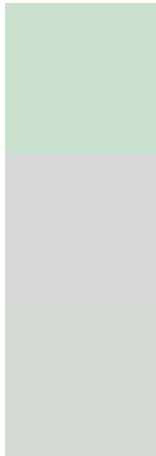
Deuteranomaly

67.2415, 69.4368, 68.8901

Tritanomaly

64.0757, 69.8457, 81.3386

Monochromacy



Original Color

61.4945, 69.9984, 68.0276

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.4076, 68.5476, 71.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4945, 69.9984, 68.0276 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(200, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 224, 205)  
}
```

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(200, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 224, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.4945, 69.9984, 68.0276 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(200, 224, 205) }
```


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

```
.border{ border-color:rgb(200, 224, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 224, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 224,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4945, 69.9984, 68.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 224, 205) }
```

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

```
.background{ background-color: rgb(200,  
224, 205) }
```

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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