

Converting Colors

XYZ(62.8991, 68.0236, 65.6074)

Have a look what the booklet for
XYZ(62.8991, 68.0236, 65.6074)
contains.

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Color

**XYZ(62.9141, 68.0361,
65.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D9CA
RGB	213, 217, 202
RGB Percent	84%, 85%, 79%
CMY	0.1647, 0.1490, 0.2078
CMYK	0.02, 0.00, 0.07, 0.15
HSL	76°, 16%, 82%
HSV	76°, 7%, 85%
XYZ	62.9141, 68.0361, 65.6935
YIQ	214.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

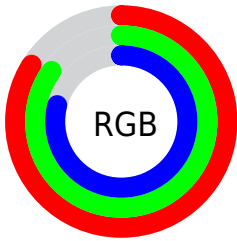
Format	Color
R_{YB}	202, 217, 206
Decimal	14014922
CIE Lab	86.02, -4.01, 6.91
CIE LCh	86, 7.984, 120.134
Yxy	68.0361, 0.3199, 0.3460
Android (android.graphics.Color)	4292205002 (0xFFD5D9CA)
YUV	214.0940, -5.9623, -0.9594
Hunter-Lab	82.4840, -8.1974, 10.5179

Details

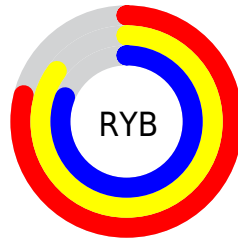
The XYZ color **62.9141, 68.0361, 65.6935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1012, 60.3745, 74.1877**, and the grayscale version is **64.0191, 67.3531, 73.3475**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3662, 35.2479, 33.1146** is the 20% darker color. If you saturate the color by 10%, you get **58.8740, 66.2316, 53.0220**, and if you desaturate by 10%, it is **67.3794, 70.0220, 80.2737**.

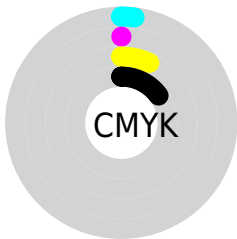
Distribution



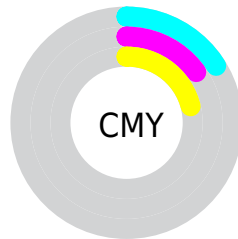
- Red (84%)
- Green (85%)
- Blue (79%)



- Red (79%)
- Yellow (85%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9141, 68.0361, 65.6935 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 62.9141, 68.0361, 65.6935 by changing the saturation by 10% instead.

■ 62.9141, 68.0361,
65.6935

■ 62.9141, 68.0361,
65.6935

424.9223,
453.6239, 463.6542

■ 46.0301, 49.9271,
47.5687

108.1281,
116.4038, 114.6691

■ 32.4743, 35.3555,
33.1279

137.1888,
147.4313, 146.3570

■ 21.8813, 23.9368,
21.9525

171.0391,
183.5337, 183.4031

■ 13.8858, 15.2868,
13.6240

210.0444,
225.0955, 226.2258

■ 8.1225, 9.0209,
7.7239

254.5700,
272.5010, 275.2437

■ 4.2259, 4.7548,
3.8336

304.9813,

■ 1.8307, 2.1041,

326.1346, 330.8754

1.5345

361.6436,
386.3808, 393.5394

■ 0.5361, 0.6669,
0.2434

■ 0.0000, 0.0000,
0.0000

■ 62.9141, 68.0361,
65.6935

■ 62.9141, 68.0361,
65.6935

■ 58.8740, 66.2316,
53.0220

■ 67.3794, 70.0220,
80.2737

■ 55.2377, 64.5934,
42.1759

■ 72.2789, 72.1863,
96.8327

■ 51.9905, 63.1175,
33.0721

■ 75.6178, 73.7335,
104.8542

■ 49.1145, 61.7969,
25.6193

■ 77.5115, 74.7097,
104.9429

■ 46.5901, 60.6235,
19.7181

■ 79.4675, 75.7181,
105.0344

■ 44.3957, 59.5887,
15.2584

■ 81.4866, 76.7589,
105.1289

■ 42.5070, 58.6826,
12.1152

■ 83.5691, 77.8325,
105.2264

■ 40.8955, 57.8939,
10.1429

■ 84.1042, 78.1084,
105.2514

■ 39.5246, 57.2077,
9.1513

Harmonies

Analogous

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



64.6581, 68.0361, 64.4432



62.9141, 68.0361, 65.6935



61.6596, 68.0361, 69.1691

Triad

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



62.9141, 68.0361, 65.6935



62.9281, 68.0361, 83.1764



68.2529, 68.0361, 74.0562

Complementary

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



62.9141, 68.0361, 65.6935



59.1012, 60.3745, 74.1877

Split Complementary

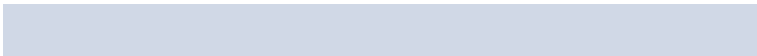
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7691, 68.0361, 79.2175



62.9141, 68.0361, 65.6935



64.6745, 68.0361, 84.6320

Square

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



62.9141, 68.0361, 65.6935



61.6676, 68.0361, 79.2601



66.4507, 68.0361, 83.1510



67.7606, 68.0361, 69.1302

Rectangle

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



62.9141, 68.0361, 65.6935



61.2578, 68.0361, 72.3647



66.4507, 68.0361, 83.1510



68.1989, 68.0361, 75.8217

Sweetspot

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



62.9160, 68.0390, 65.6950



93.7407, 99.4186, 104.6093



61.3496, 63.1607, 64.8359



20.0781, 21.2858, 22.4356



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.



62.9160, 68.0390, 65.6950



89.9630, 97.7371, 92.4182



60.7908, 66.9435, 65.5955



13.8056, 15.0800, 13.9087



23.7913, 34.5624, 5.4173



1.6213, 2.2804, 0.3547

Inverse Universe

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



59.1012, 60.3745, 74.1877



83.5941, 84.9409, 106.5971



61.2331, 61.4735, 74.2874



12.6630, 12.7844, 16.4524



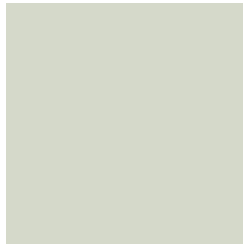
8.7208, 3.6199, 39.9775



0.6463, 0.2764, 2.5937

Previews

White Background



This preview shows how the XYZ color 62.9141, 68.0361, 65.6935 looks on a white background.

Color Contrast Check

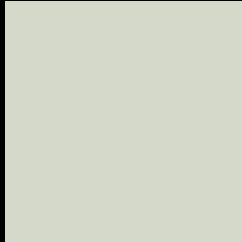
Large Text (above 18pt) WCAG AA × Fail

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 62.9141, 68.0361, 65.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

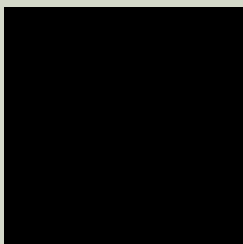
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

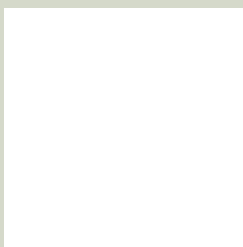
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9141, 68.0361, 65.6935

Background



This preview shows how black text looks on a background with the XYZ color 62.9141, 68.0361, 65.6935.



This preview shows how white text looks on a background with the XYZ color 62.9141, 68.0361,

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

62.9141, 68.0361, 65.6935

Protanopia

64.5961, 67.7929, 64.3243

Deuteranopia

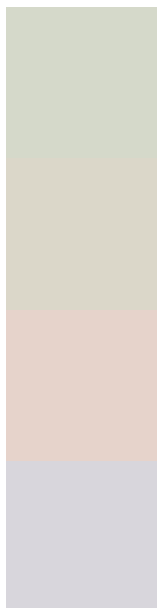
69.3901, 67.9966, 66.5942



Tritanopia

66.6924, 68.0534, 84.4835

Trichromacy



Original Color

62.9141, 68.0361, 65.6935

Protanomaly

64.0565, 67.8780, 64.9840

Deuteranomaly

66.7069, 67.7233, 66.0560

Tritanomaly

65.2837, 67.8594, 77.3675

Monochromacy



Original Color

62.9141, 68.0361, 65.6935

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6649, 67.5502, 70.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9141, 68.0361, 65.6935 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(213, 217, 202) looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 202)  
}
```

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(213, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 202) }
```

Border

The CSS property to change the border of an element to XYZ 62.9141, 68.0361, 65.6935 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(213, 217, 202) }
```


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

```
.border{ border-color:rgb(213, 217, 202) }
```

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

Here you see how a box with a 4 pixel rgb(213, 217, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9141, 68.0361, 65.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 202) }
```

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

```
.background{ background-color: rgb(213,  
217, 202) }
```

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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