

Converting Colors

XYZ(62.2954, 66.6294, 66.7053)

Have a look what the booklet for
XYZ(62.2954, 66.6294, 66.7053)
contains.

XYZ(62.3862, 66.5989, 66.6935)	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(62.3862, 66.5989,
66.6935)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6CC
RGB	213, 214, 204
RGB Percent	84%, 84%, 80%
CMY	0.1647, 0.1608, 0.2000
CMYK	0.00, 0.00, 0.05, 0.16
HSL	66°, 11%, 82%
HSV	66°, 5%, 84%
XYZ	62.3862, 66.5989, 66.6935
YIQ	212.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

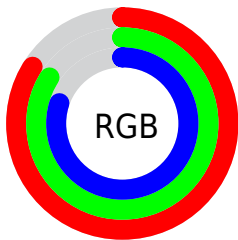
Format	Color
R _Y B	204, 214, 205
Decimal	14014156
CIE Lab	85.30, -2.11, 4.80
CIE LCh	85, 5.248, 113.728
Yxy	66.5989, 0.3188, 0.3403
Android (android.graphics.Color)	4292204236 (0xFFD5D6CC)
YUV	212.5610, -4.2206, 0.3850
Hunter-Lab	81.6081, -6.3581, 8.6715

Details

The XYZ color **62.3862, 66.5989, 66.6935** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9099, 61.0217, 72.2953**, and the grayscale version is **62.9803, 66.2602, 72.1574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0037, 34.2674, 33.7817** is the 20% darker color. If you saturate the color by 10%, you get **59.3755, 65.3253, 54.0619**, and if you desaturate by 10%, it is **65.7616, 68.0237, 81.1860**.

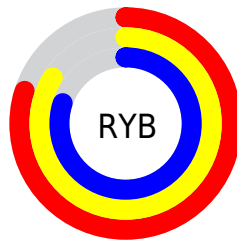
Distribution



Red (84%)

Green (84%)

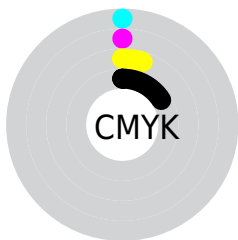
Blue (80%)



Red (80%)

Yellow (84%)

Blue (80%)

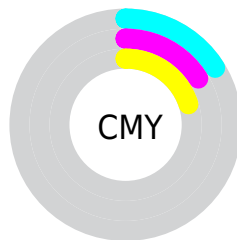


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3862, 66.5989, 66.6935 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 62.3862, 66.5989, 66.6935 by changing the saturation by 10% instead.

■ 62.3862, 66.5989,
66.6935

■ 62.3862, 66.5989,
66.6935

423.0336,
448.5157, 467.3248

■ 45.6016, 48.7587,
48.3756

107.3703,
114.3455, 116.1176

■ 32.1349, 34.4281,
33.7623

136.3005,
145.0207, 148.0608

■ 21.6206, 23.2227,
22.4352

170.0100,
180.7431, 185.3829

■ 13.6934, 14.7580,
13.9756

208.8641,
221.8969, 228.5023

■ 7.9880, 8.6497,
7.9652

253.2281,
268.8668, 277.8377

■ 4.1390, 4.5134,
3.9852

303.4675,

■ 1.7811, 1.9647,

322.0369, 333.8075

1.6172

359.9475,
381.7917, 396.8304

■ 0.5062, 0.5869,
0.3031

■ 0.0000, 0.0000,
0.0000

■ 62.3862, 66.5989,
66.6935

■ 62.3862, 66.5989,
66.6935

■ 59.3755, 65.3253,
54.0619

■ 65.7616, 68.0237,
81.1860

■ 56.7097, 64.1884,
43.2117

■ 69.5096, 69.5963,
97.6059

■ 54.3753, 63.1850,
34.0637

■ 71.4455, 70.4450,
104.4394

■ 52.3558, 62.3085,
26.5316

■ 72.0977, 70.7812,
104.4699

■ 50.6333, 61.5518,
20.5210

■ 72.7583, 71.1218,
104.5008

■ 49.1880, 60.9069,
15.9282

■ 73.4272, 71.4667,
104.5322

■ 47.9978, 60.3650,
12.6363

■ 74.1047, 71.8159,
104.5639

■ 47.0369, 59.9156,
10.5098

■ 74.7906, 72.1695,
104.5960

■ 46.2738, 59.5464,
9.3835

■ 75.4850, 72.5275,
104.6285

Harmonies

Analogous

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



63.5500, 66.5989, 66.2091



62.3862, 66.5989, 66.6935



61.4778, 66.5989, 68.7157

Triad

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



62.3862, 66.5989, 66.6935



61.9594, 66.5989, 77.9139



65.5964, 66.5989, 73.2314

Complementary

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



62.3862, 66.5989, 66.6935



58.9099, 61.0217, 72.2953

Split Complementary

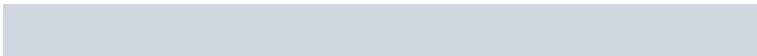
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.1584, 66.5989, 76.4515



62.3862, 66.5989, 66.6935



63.0512, 66.5989, 79.2089

Square

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



62.3862, 66.5989, 66.6935



61.2336, 66.5989, 75.1773



64.2232, 66.5989, 78.6655



65.4129, 66.5989, 69.9161

Rectangle

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



62.3862, 66.5989, 66.6935



61.1343, 66.5989, 70.6986



64.2232, 66.5989, 78.6655



65.5168, 66.5989, 74.3620

Sweetspot

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



62.3881, 66.6018, 66.6949



94.5480, 99.7883, 106.7476



60.4641, 62.3202, 65.9699



20.2425, 21.3610, 22.8711



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.



62.3881, 66.6018, 66.6949



92.1209, 98.7633, 96.4126



60.9604, 65.8658, 66.6281



13.5344, 14.5342, 14.0481



27.8042, 35.9099, 5.4659



1.7133, 2.1846, 0.3314

Inverse Universe

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



58.9099, 61.0217, 72.2953



85.4780, 88.1060, 107.1087



60.3109, 61.7440, 72.3609



12.4732, 12.8317, 15.7569



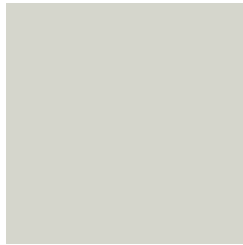
7.5702, 3.0551, 38.6439



0.4970, 0.2051, 2.3327

Previews

White Background



This preview shows how the XYZ color 62.3862, 66.5989, 66.6935 looks on a white background.

Color Contrast Check

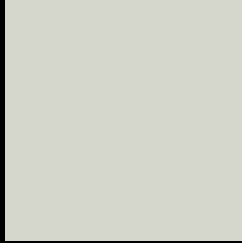
Large Text (above 18pt) WCAG AA × Fail

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 62.3862, 66.5989, 66.6935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

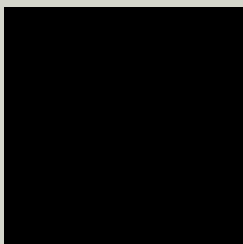
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

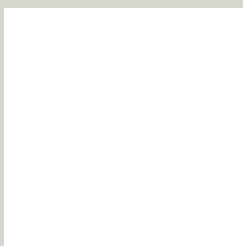
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3862, 66.5989, 66.6935

Background



This preview shows how black text looks on a background with the XYZ color 62.3862, 66.5989, 66.6935.

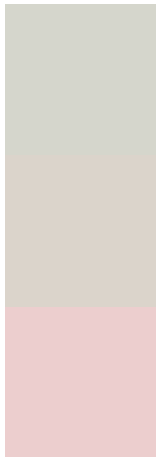


This preview shows how white text looks on a background with the XYZ color 62.3862, 66.5989,

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

62.3862, 66.5989, 66.6935

Protanopia

63.5364, 66.4588, 65.9790

Deuteranopia

67.8040, 66.4317, 67.6415



Tritanopia

65.4783, 66.7335, 82.1028

Trichromacy



Original Color

62.3862, 66.5989, 66.6935

Protanomaly

63.1890, 66.6520, 66.0346

Deuteranomaly

65.8148, 66.5027, 67.1251

Tritanomaly

64.3540, 66.6485, 76.4905

Monochromacy



Original Color

62.3862, 66.5989, 66.6935

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.8677, 66.3878, 70.4734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3862, 66.5989, 66.6935 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, 214, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 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(213, 214, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 204) }
```

Border

The CSS property to change the border of an element to XYZ 62.3862, 66.5989, 66.6935 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, 214, 204) }
```


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

```
.border{ border-color:rgb(213, 214, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3862, 66.5989, 66.6935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 204) }
```

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

```
.background{ background-color: rgb(213,  
214, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor