

Converting Colors

XYZ(62.6519, 66.1368, 73.3787)

Have a look what the booklet for
XYZ(62.6519, 66.1368, 73.3787)
contains.

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Color

**XYZ(62.5102, 66.1452,
73.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D5D6
RGB	210, 213, 214
RGB Percent	82%, 84%, 84%
CMY	0.1765, 0.1647, 0.1608
CMYK	0.02, 0.00, 0.00, 0.16
HSL	195°, 5%, 83%
HSV	195°, 2%, 84%
XYZ	62.5102, 66.1452, 73.0910
YIQ	212.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

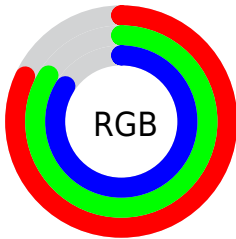
Format	Color
RYB	210, 212, 214
Decimal	13817302
CIELab	85.07, -0.83, -0.86
CIELCh	85, 1.195, 225.964
Yxy	66.1452, 0.3098, 0.3279
Android (android.graphics.Color)	4292007382 (0xFFD2D5D6)
YUV	212.2170, 0.8790, -1.9443
Hunter-Lab	81.3297, -5.1315, 3.6469

Details

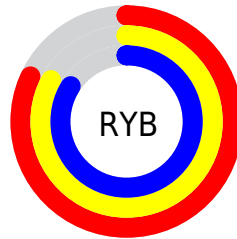
The XYZ color **62.5102, 66.1452, 73.0910** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6588, 65.5371, 70.3212**, and the grayscale version is **62.7206, 65.9869, 71.8597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1952, 34.0248, 37.6715** is the 20% darker color. If you saturate the color by 10%, you get **55.5018, 60.5761, 72.3864**, and if you desaturate by 10%, it is **70.3812, 72.2282, 73.8513**.

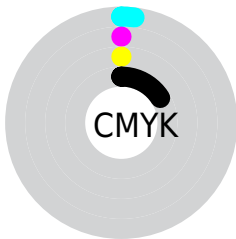
Distribution



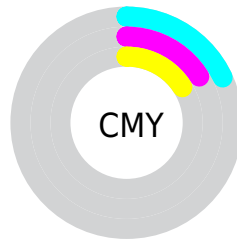
- Red (82%)
- Green (84%)
- Blue (84%)



- Red (82%)
- Yellow (83%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5102, 66.1452, 73.0910 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 62.5102, 66.1452, 73.0910 by changing the saturation by 10% instead.

■ 62.5102, 66.1452,
73.0910

■ 62.5102, 66.1452,
73.0910

423.4777,
446.8960, 490.4094

■ 45.7022, 48.3903,
53.5581

107.5484,
113.6947, 125.3285

■ 32.2145, 34.1361,
37.8577

136.5093,
144.2581, 158.8702

■ 21.6818, 22.9981,
25.5713

170.2519,
179.8597, 197.9185

■ 13.7385, 14.5921,
16.2803

209.1415,
220.8841, 242.8921

■ 8.0195, 8.5336,
9.5662

253.5436,
267.7155, 294.2094

■ 4.1594, 4.4383,
5.0105

303.8234,

■ 1.7927, 1.9216,

320.7383, 352.2891

2.1946

360.3463,
380.3370, 417.5495

■ 0.5133, 0.5613,
0.6712

■ 0.0000, 0.0000,
0.0000

■ 62.5102, 66.1452,
73.0910

■ 62.5102, 66.1452,
73.0910

■ 55.5018, 60.5761,
72.3864

■ 70.3812, 72.2282,
73.8513

■ 49.3179, 55.4949,
71.7316

■ 79.1398, 78.8329,
74.6645

■ 43.9256, 50.8861,
71.1262

■ 81.3964, 82.1524,
75.1863

■ 39.2879, 46.7298,
70.5684

■ 82.8942, 85.1479,
75.6855

■ 35.3643, 43.0046,
70.0562

■ 84.4377, 88.2348,
76.2000

■ 32.1108, 39.6870,
69.5873

■ 86.0272, 91.4139,
76.7299

■ 29.4779, 36.7510,
69.1593

■ 87.6632, 94.6859,
77.2752

■ 27.4090, 34.1666,
68.7695

■ 89.1378, 97.6351,
77.7667

■ 25.8363, 31.8982,
68.4146

Harmonies

Analogous

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



62.3731, 66.1452, 72.4290



62.5102, 66.1452, 73.0910



62.7437, 66.1452, 73.4675

Triad

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



62.5102, 66.1452, 73.0910



63.3721, 66.1452, 72.3807



62.7269, 66.1452, 70.6061

Complementary

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



62.5102, 66.1452, 73.0910



62.6588, 65.5371, 70.3212

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.



62.9945, 66.1452, 70.5934



62.5102, 66.1452, 73.0910



63.3676, 66.1452, 71.6143

Square

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



62.5102, 66.1452, 73.0910



63.2416, 66.1452, 73.0554



63.2292, 66.1452, 70.9613



62.4979, 66.1452, 70.9962

Rectangle

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



62.5102, 66.1452, 73.0910



62.9228, 66.1452, 73.5042



63.2292, 66.1452, 70.9613



62.8153, 66.1452, 70.5577

Sweetspot

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



62.5121, 66.1480, 73.0924



93.9157, 99.1149, 108.7889



62.3754, 66.4956, 71.1326



20.1138, 21.2240, 23.2865



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.



62.5121, 66.1480, 73.0924



92.7946, 98.2376, 108.6787



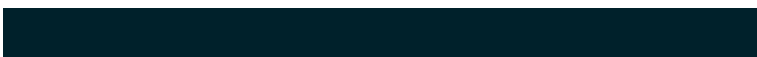
62.0278, 65.1794, 72.9310



13.6925, 14.4896, 16.0126



15.0936, 18.4489, 41.2186



0.9740, 1.2400, 2.5073

Inverse Universe

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



62.7898, 65.1946, 72.2286



93.2406, 96.7075, 107.2912



63.1429, 66.5053, 70.4825



13.7538, 14.2790, 15.8218



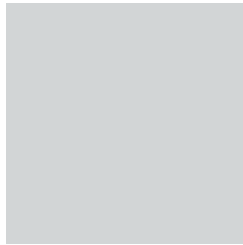
20.6774, 10.2073, 21.4030



1.2793, 0.6285, 1.4600

Previews

White Background



This preview shows how the XYZ color 62.5102, 66.1452, 73.0910 looks on a white background.

Color Contrast Check

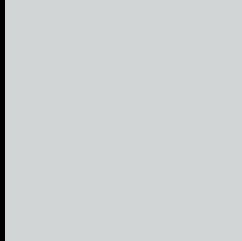
Large Text (above 18pt) WCAG AA × Fail

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 62.5102, 66.1452, 73.0910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

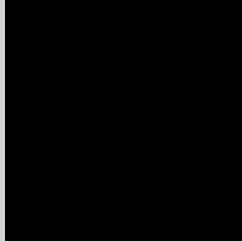
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

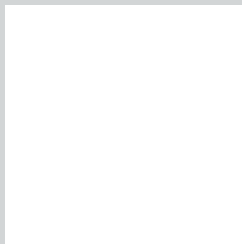
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5102, 66.1452, 73.0910

Background



This preview shows how black text looks on a background with the XYZ color 62.5102, 66.1452, 73.0910.

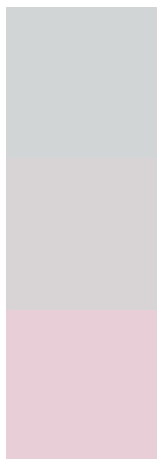


This preview shows how white text looks on a background with the XYZ color 62.5102, 66.1452,

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

62.5102, 66.1452, 73.0910

Protanopia

63.6234, 65.9916, 72.3351

Deuteranopia

67.2920, 66.0378, 73.4899



Tritanopia

64.4492, 66.1870, 82.7773

Trichromacy



Original Color

62.5102, 66.1452, 73.0910

Protanomaly

63.2853, 66.1872, 72.3907

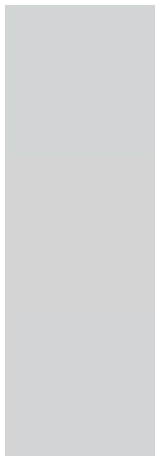
Deuteranomaly

65.4976, 66.1952, 73.6148

Tritanomaly

63.7267, 66.2636, 79.2434

Monochromacy



Original Color

62.5102, 66.1452, 73.0910

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4177, 65.7399, 72.3501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5102, 66.1452, 73.0910 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(210, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 214)  
}
```

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(210, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.5102, 66.1452, 73.0910 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(210, 213, 214) }
```


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

```
.border{ border-color:rgb(210, 213, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5102, 66.1452, 73.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 214) }
```

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

```
.background{ background-color: rgb(210,  
213, 214) }
```

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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