

Converting Colors

XYZ(61.0406, 63.4141, 75.0355)

Have a look what the booklet for
XYZ(61.0406, 63.4141, 75.0355)
contains.

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Color

**XYZ(61.2232, 63.5836,
75.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0DA
RGB	208, 208, 218
RGB Percent	82%, 82%, 85%
CMY	0.1843, 0.1843, 0.1451
CMYK	0.05, 0.05, 0.00, 0.15
HSL	240°, 12%, 84%
HSV	240°, 5%, 85%
XYZ	61.2232, 63.5836, 75.3757
YIQ	209.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

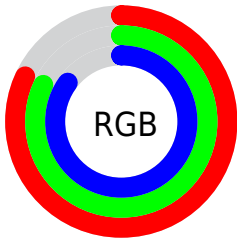
Format	Color
R _Y B	208, 208, 218
Decimal	13684954
CIE Lab	83.75, 1.86, -4.94
CIE LCh	84, 5.283, 290.645
Yxy	63.5836, 0.3058, 0.3176
Android (android.graphics.Color)	4291875034 (0xFFD0D0DA)
YUV	209.1400, 4.3680, -0.9998
Hunter-Lab	79.7393, -2.4930, -0.2279

Details

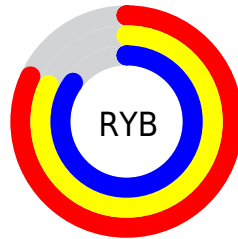
The XYZ color **61.2232, 63.5836, 75.3757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3702, 69.6017, 69.6647**, and the grayscale version is **60.6711, 63.8308, 69.5117**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4929, 32.6256, 39.2878** is the 20% darker color. If you saturate the color by 10%, you get **50.5573, 50.7335, 73.4585**, and if you desaturate by 10%, it is **73.4653, 78.3335, 77.5785**.

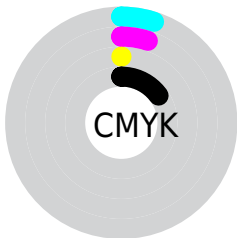
Distribution



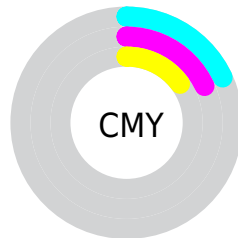
- Red (82%)
- Green (82%)
- Blue (85%)



- Red (82%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2232, 63.5836, 75.3757 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 61.2232, 63.5836, 75.3757 by changing the saturation by 10% instead.

■ 61.2232, 63.5836,
75.3757

■ 61.2232, 63.5836,
75.3757

418.8548,
437.6844, 498.4977

■ 44.6585, 46.3135,
55.4171

105.6983,
110.0110, 128.5960

■ 31.3887, 32.4933,
39.3350

134.3395,
139.9372, 162.6949

■ 21.0483, 21.7386,
26.7106

167.7369,
174.8507, 202.3442

■ 13.2720, 13.6649,
17.1255

206.2559,
215.1362, 247.9627

■ 7.6944, 7.8880,
10.1611

250.2618,
261.1779, 299.9687

■ 3.9502, 4.0234,
5.3989

300.1200,

■ 1.6740, 1.6866,

313.3602, 358.7809

2.4204

356.1959,
372.0676, 424.8177

■ 0.4399, 0.4150,
0.7975

■ 0.0000, 0.0000,
0.0000

■ 61.2232, 63.5836,
75.3757

■ 61.2232, 63.5836,
75.3757

■ 50.5573, 50.7335,
73.4585

■ 73.4653, 78.3335,
77.5785

■ 41.3984, 39.6983,
71.8112

■ 87.3381, 95.0476,
80.0734

■ 33.6802, 30.3988,
70.4230

■ 89.6551, 97.8420,
80.4907

■ 27.3294, 22.7466,
69.2807

■ 22.2663, 16.6458,
68.3700

■ 18.4030, 11.9904,
67.6751

■ 15.6405, 8.6612,
67.1781

■ 13.8640, 6.5201,
66.8584

■ 12.9338, 5.3985,
66.6909

Harmonies

Analogous

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



60.0729, 63.5836, 75.7200



61.2232, 63.5836, 75.3757



62.1734, 63.5836, 73.3570

Triad

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



61.2232, 63.5836, 75.3757



61.8581, 63.5836, 64.4145



58.2626, 63.5836, 68.1998

Complementary

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



61.2232, 63.5836, 75.3757



65.3702, 69.6017, 69.6647

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.



58.7280, 63.5836, 65.2641



61.2232, 63.5836, 75.3757



60.7972, 63.5836, 63.1251

Square

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



61.2232, 63.5836, 75.3757



62.5432, 63.5836, 67.0064



59.6522, 63.5836, 63.4310



58.3734, 63.5836, 71.5058

Rectangle

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



61.2232, 63.5836, 75.3757



62.5607, 63.5836, 71.3679



59.6522, 63.5836, 63.4310



58.3566, 63.5836, 67.1386

Sweetspot

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



61.2250, 63.5863, 75.3771



93.3102, 97.9039, 108.5871



63.7179, 68.6070, 76.1005



19.9906, 20.9775, 23.2454



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.



61.2250, 63.5863, 75.3771



84.9567, 87.8394, 107.0847



62.6041, 64.2961, 75.4414



13.0212, 13.4397, 16.5600



7.5822, 3.0338, 39.9244



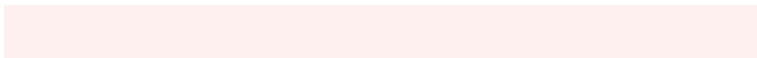
0.4913, 0.1968, 2.5865

Inverse Universe

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



62.8559, 64.5725, 68.8285



87.9962, 89.6774, 94.8800



63.9465, 68.8690, 69.5983



13.5329, 13.7492, 14.5050



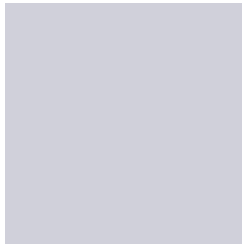
17.3225, 8.9300, 0.8123



1.1223, 0.5786, 0.0529

Previews

White Background



This preview shows how the XYZ color 61.2232, 63.5836, 75.3757 looks on a white background.

Color Contrast Check

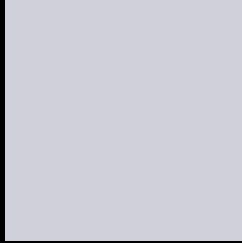
Large Text (above 18pt) WCAG AA × Fail

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 61.2232, 63.5836, 75.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

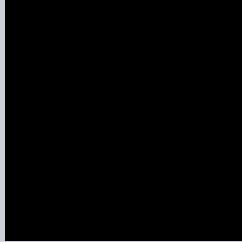
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

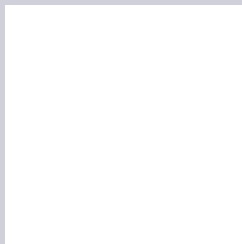
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2232, 63.5836, 75.3757

Background



This preview shows how black text looks on a background with the XYZ color 61.2232, 63.5836, 75.3757.



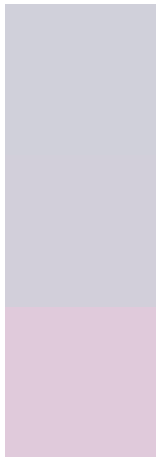
This preview shows how white text looks on a background with the XYZ color 61.2232, 63.5836,

75.3757.

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

61.2232, 63.5836, 75.3757

Protanopia

61.5461, 63.3892, 75.3212

Deuteranopia

64.6472, 63.2028, 75.8099



Tritanopia

61.9266, 63.5087, 78.8066

Trichromacy



Original Color

61.2232, 63.5836, 75.3757

Protanomaly

61.2622, 63.2429, 75.3079

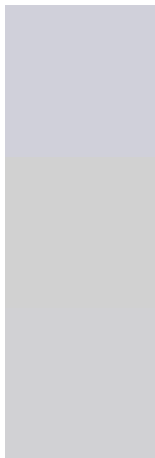
Deuteranomaly

63.2925, 63.2056, 75.8819

Tritanomaly

61.6585, 63.4014, 77.3946

Monochromacy



Original Color

61.2232, 63.5836, 75.3757

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.9786, 63.9097, 71.4092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2232, 63.5836, 75.3757 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(208, 208, 218) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 218)  
}
```

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(208, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.2232, 63.5836, 75.3757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

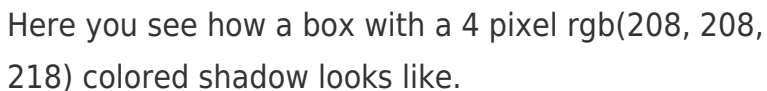
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 208, 218) }
```


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

```
.border{ border-color:rgb(208, 208, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 208, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 208, 218); box-shadow:4px 4px 4px 4px rgb(208, 208, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2232, 63.5836, 75.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 218) }
```

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

```
.background{ background-color: rgb(208,  
208, 218) }
```

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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