

Converting Colors

XYZ(57.2019, 61.5417, 73.8367)

Have a look what the booklet for
XYZ(57.2019, 61.5417, 73.8367)
contains.

XYZ(57.1987, 61.5390, 73.8293)	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(57.1987, 61.5390,
73.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D0D8
RGB	194, 208, 216
RGB Percent	76%, 82%, 85%
CMY	0.2392, 0.1843, 0.1529
CMYK	0.10, 0.04, 0.00, 0.15
HSL	202°, 22%, 80%
HSV	202°, 10%, 85%
XYZ	57.1987, 61.5390, 73.8293
YIQ	204.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

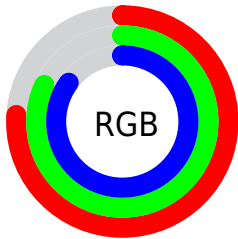
Format	Color
RYB	194, 203, 216
Decimal	12767448
CIELab	82.67, -3.16, -5.59
CIELCh	83, 6.418, 240.553
Yxy	61.5390, 0.2970, 0.3196
Android (android.graphics.Color)	4290957528 (0xFFC2D0D8)
YUV	204.7260, 5.5581, -9.4067
Hunter-Lab	78.4468, -7.1304, -0.8873

Details

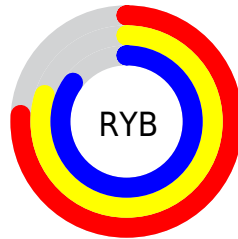
The XYZ color **57.1987, 61.5390, 73.8293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1773, 60.7346, 59.6440**, and the grayscale version is **57.8266, 60.8380, 66.2526**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.8038, 31.2599, 38.2338** is the 20% darker color. If you saturate the color by 10%, you get **50.1862, 55.1537, 72.9674**, and if you desaturate by 10%, it is **65.1153, 68.5344, 74.7633**.

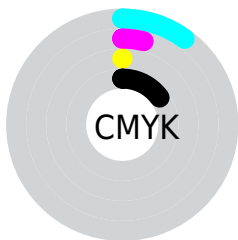
Distribution



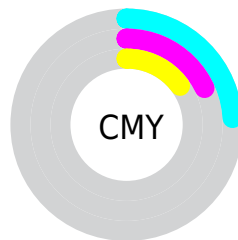
- Red (76%)
- Green (82%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1987, 61.5390, 73.8293 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 57.1987, 61.5390, 73.8293 by changing the saturation by 10% instead.

■ 57.1987, 61.5390,
73.8293

■ 57.1987, 61.5390,
73.8293

404.1956,
430.2475, 493.0317

■ 41.4056, 44.6603,
54.1584

■ 99.8847, 107.0590,
126.3856

■ 28.8252, 31.1899,
38.3343

127.5084,
136.4691, 160.1081

■ 19.0922, 20.7435,
25.9384

159.8062,
170.8250, 199.3515

■ 11.8413, 12.9367,
16.5522

197.1435,
210.5113, 244.5344

■ 6.7072, 7.3849,
9.7572

239.8858,
255.9123, 296.0753

■ 3.3243, 3.7040,
5.1348

288.3983,

■ 1.3275, 1.5094,

307.4124, 354.3928

2.2664

343.0465,
365.3960, 419.9054

■ 0.2037, 0.2953,
0.7123

■ 0.0000, 0.0000,
0.0000

■ 57.1987, 61.5390,
73.8293

■ 57.1987, 61.5390,
73.8293

■ 50.1862, 55.1537,
72.9674

■ 65.1153, 68.5344,
74.7633

■ 44.0365, 49.3502,
72.1713

■ 73.9646, 76.1516,
75.7671

■ 38.7129, 44.1092,
71.4403

■ 82.3676, 83.6833,
76.7780

■ 34.1738, 39.4071,
70.7719

■ 84.6217, 88.1917,
77.5294

■ 30.3737, 35.2184,
70.1637

■ 86.9759, 92.9000,
78.3141

■ 27.2620, 31.5148,
69.6128

■ 89.3949, 97.7379,
79.1204

■ 24.7813, 28.2642,
69.1162

■ 22.8633, 25.4293,
68.6701

■ 21.4098, 22.9879,
68.2754

Harmonies

Analogous

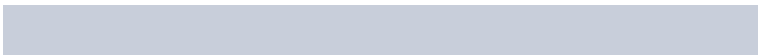
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2400, 61.5390, 70.9352



57.1987, 61.5390, 73.8293



58.5165, 61.5390, 74.8791

Triad

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



57.1987, 61.5390, 73.8293



61.1792, 61.5390, 66.9324



57.1551, 61.5390, 60.6842

Complementary

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



57.1987, 61.5390, 73.8293



59.1773, 60.7346, 59.6440

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.



58.4654, 61.5390, 59.7041



57.1987, 61.5390, 73.8293



60.8013, 61.5390, 63.2237

Square

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



57.1987, 61.5390, 73.8293



60.8275, 61.5390, 70.8037



59.8026, 61.5390, 60.6157



56.2151, 61.5390, 63.3457

Rectangle

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



57.1987, 61.5390, 73.8293



59.4256, 61.5390, 74.3608



59.8026, 61.5390, 60.6157



57.5662, 61.5390, 60.1519

Sweetspot

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



57.2005, 61.5416, 73.8307



91.4106, 96.8165, 108.4773



57.4302, 64.8322, 65.1791



19.3619, 20.5436, 23.1948



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.



57.2005, 61.5416, 73.8307



81.2283, 87.7587, 107.2657



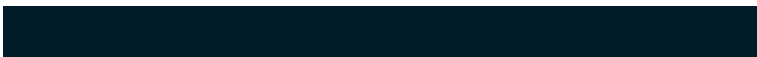
54.6783, 56.4972, 72.9899



12.3950, 13.3134, 15.8540



12.7781, 13.8180, 40.4468



0.8482, 0.9883, 2.4654

Inverse Universe

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



58.9973, 57.7378, 67.7126



84.3138, 81.3108, 96.7409



61.7764, 65.9328, 60.5103



12.7526, 12.5525, 14.6373



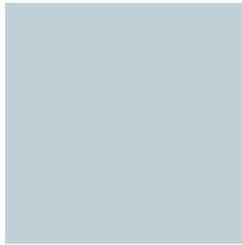
19.5087, 9.7398, 15.2485



1.2158, 0.6031, 1.1256

Previews

White Background



This preview shows how the XYZ color 57.1987, 61.5390, 73.8293 looks on a white background.

Color Contrast Check

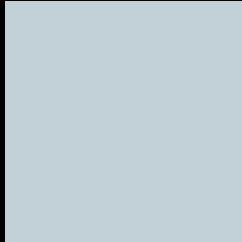
Large Text (above 18pt) WCAG AA × Fail

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 57.1987, 61.5390, 73.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

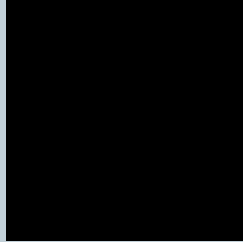
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

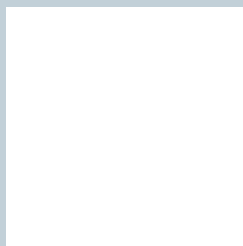
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1987, 61.5390, 73.8293

Background



This preview shows how black text looks on a background with the XYZ color 57.1987, 61.5390, 73.8293.



This preview shows how white text looks on a background with the XYZ color 57.1987, 61.5390,

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

57.1987, 61.5390, 73.8293

Protanopia

59.4626, 61.3062, 72.3176

Deuteranopia

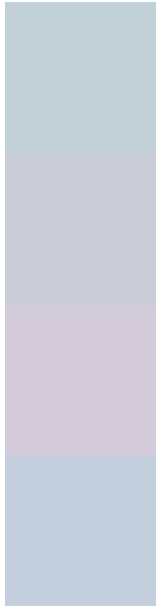
62.8244, 61.5862, 74.9058



Tritanopia

58.1378, 61.5555, 78.6292

Trichromacy



Original Color

57.1987, 61.5390, 73.8293

Protanomaly

58.4542, 61.1255, 73.0075

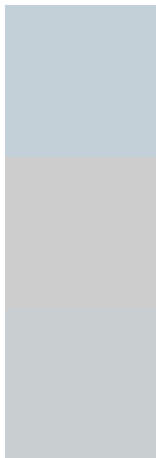
Deuteranomaly

60.7443, 61.5705, 74.3284

Tritanomaly

57.7368, 61.3951, 76.5175

Monochromacy



Original Color

57.1987, 61.5390, 73.8293

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.6673, 61.1636, 69.0880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1987, 61.5390, 73.8293 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(194, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 216)  
}
```

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(194, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 216) }
```

Border

The CSS property to change the border of an element to XYZ 57.1987, 61.5390, 73.8293 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(194, 208, 216) }
```


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

```
.border{ border-color:rgb(194, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(194, 208,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1987, 61.5390, 73.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 216) }
```

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

```
.background{ background-color: rgb(194,  
208, 216) }
```

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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