

Converting Colors

XYZ(61.9936, 65.5317, 73.9963)

Have a look what the booklet for
XYZ(61.9936, 65.5317, 73.9963)
contains.

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Color

**XYZ(61.8216, 65.4032,
73.6557)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D4D7
RGB	208, 212, 215
RGB Percent	82%, 83%, 84%
CMY	0.1843, 0.1686, 0.1569
CMYK	0.03, 0.01, 0.00, 0.16
HSL	206°, 8%, 83%
HSV	206°, 3%, 84%
XYZ	61.8216, 65.4032, 73.6557
YIQ	211.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

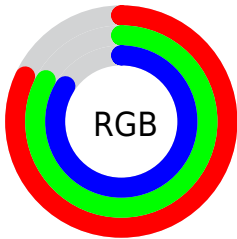
Format	Color
R_{YB}	208, 211, 215
Decimal	13685975
CIE _{Lab}	84.69, -0.80, -1.96
CIE _{LCh}	85, 2.119, 247.879
Yxy	65.4032, 0.3078, 0.3256
Android (android.graphics.Color)	4291876055 (0xFFD0D4D7)
YUV	211.1460, 1.9000, -2.7590
Hunter-Lab	80.8722, -5.0747, 2.6112

Details

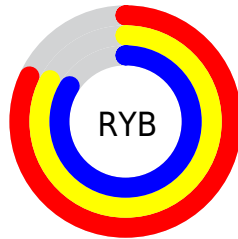
The XYZ color **61.8216, 65.4032, 73.6557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7037, 65.5887, 69.0303**, and the grayscale version is **62.0043, 65.2334, 71.0392**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7286, 33.5220, 38.0558** is the 20% darker color. If you saturate the color by 10%, you get **53.9469, 58.0270, 72.6480**, and if you desaturate by 10%, it is **70.6506, 73.4697, 74.7483**.

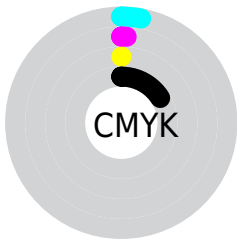
Distribution



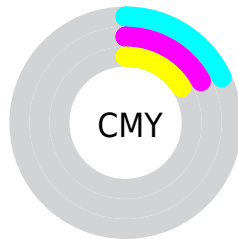
- Red (82%)
- Green (83%)
- Blue (84%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8216, 65.4032, 73.6557 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 61.8216, 65.4032, 73.6557 by changing the saturation by 10% instead.

■ 61.8216, 65.4032,
73.6557

■ 61.8216, 65.4032,
73.6557

421.0080,
444.2395, 492.4158

■ 45.1436, 47.7881,
54.0172

106.5590,
112.6293, 126.1371

■ 31.7723, 33.6591,
38.2221

135.3492,
143.0092, 159.8172

■ 21.3424, 22.6318,
25.8520

168.9075,
178.4127, 199.0148

■ 13.4884, 14.3219,
16.4882

207.5992,
219.2243, 244.1486

■ 7.8450, 8.3449,
9.7122

251.7898,
265.8284, 295.6370

■ 4.0469, 4.3164,
5.1054

301.8446,

■ 1.7287, 1.8521,

318.6093, 353.8987

2.2494

358.1288,
377.9516, 419.3521

■ 0.4741, 0.5193,
0.7027

■ 0.0000, 0.0000,
0.0000

■ 61.8216, 65.4032,
73.6557

■ 61.8216, 65.4032,
73.6557

■ 53.9469, 58.0270,
72.6480

■ 70.6506, 73.4697,
74.7483

■ 46.9860, 51.3115,
71.7186

■ 80.4613, 82.2383,
75.9238

■ 40.9036, 45.2370,
70.8667

■ 84.5523, 88.2590,
76.8703

■ 35.6599, 39.7797,
70.0897

■ 87.3247, 93.8040,
77.7944

■ 31.2117, 34.9138,
69.3850

■ 89.2659, 97.6864,
78.4415

■ 27.5117, 30.6113,
68.7495

■ 24.5071, 26.8413,
68.1802

■ 22.1371, 23.5687,
67.6734

■ 20.3290, 20.7520,
67.2251

Harmonies

Analogous

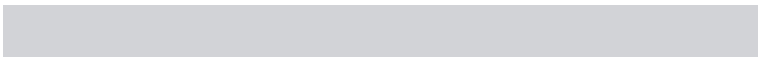
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4480, 65.4032, 72.8258



61.8216, 65.4032, 73.6557



62.2887, 65.4032, 73.8269

Triad

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



61.8216, 65.4032, 73.6557



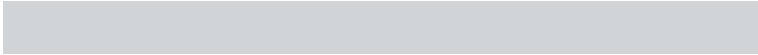
63.0699, 65.4032, 70.8561



61.6065, 65.4032, 69.1748

Complementary

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



61.8216, 65.4032, 73.6557



62.7037, 65.5887, 69.0303

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.



62.0391, 65.4032, 68.6614



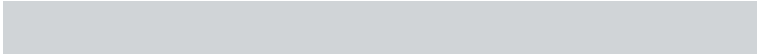
61.8216, 65.4032, 73.6557



62.8851, 65.4032, 69.6241

Square

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



61.8216, 65.4032, 73.6557



63.0110, 65.4032, 72.1993



62.5072, 65.4032, 68.8248



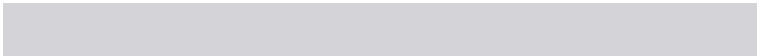
61.3242, 65.4032, 70.2357

Rectangle

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



61.8216, 65.4032, 73.6557



62.5905, 65.4032, 73.5425



62.5072, 65.4032, 68.8248



61.7391, 65.4032, 68.9331

Sweetspot

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



61.8235, 65.4060, 73.6571



93.7708, 98.8251, 108.7406



62.0612, 66.7107, 71.1796



20.0843, 21.1651, 23.2767



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

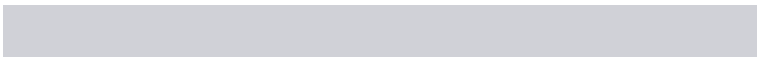
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8235, 65.4060, 73.6571



90.0194, 95.3625, 108.2700



60.9774, 63.7138, 73.3751



13.1418, 13.9376, 15.9351



11.6780, 11.6179, 40.0801



0.7858, 0.8635, 2.4446

Inverse Universe

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



62.4652, 64.3134, 71.4122



91.1869, 93.3858, 104.1839



63.5626, 67.3065, 69.3166



13.3417, 13.6007, 15.2349



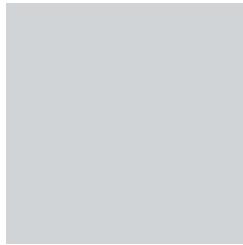
18.9534, 9.5177, 12.3245



1.1843, 0.5905, 0.9597

Previews

White Background



This preview shows how the XYZ color 61.8216, 65.4032, 73.6557 looks on a white background.

Color Contrast Check

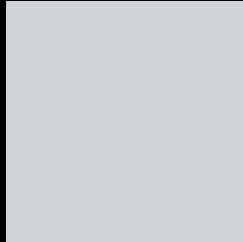
Large Text (above 18pt) WCAG AA × Fail

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 61.8216, 65.4032, 73.6557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

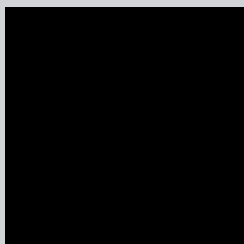
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

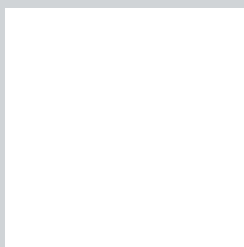
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8216, 65.4032, 73.6557

Background



This preview shows how black text looks on a background with the XYZ color 61.8216, 65.4032, 73.6557.

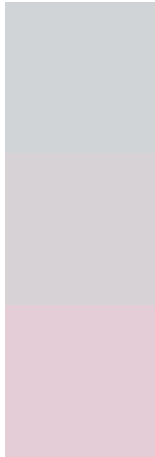


This preview shows how white text looks on a background with the XYZ color 61.8216, 65.4032,

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

61.8216, 65.4032, 73.6557

Protanopia

62.9157, 65.2444, 72.8957

Deuteranopia

66.5391, 65.2785, 74.0588



Tritanopia

63.4901, 65.3409, 81.9388

Trichromacy



Original Color

61.8216, 65.4032, 73.6557

Protanomaly

62.5832, 65.4406, 72.9511

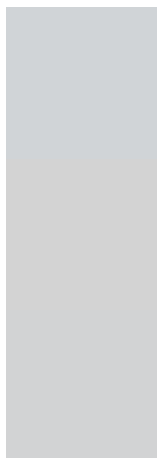
Deuteranomaly

64.7693, 65.4418, 74.1836

Tritanomaly

62.9080, 65.4716, 79.1337

Monochromacy



Original Color

61.8216, 65.4032, 73.6557

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7563, 65.0436, 71.5871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8216, 65.4032, 73.6557 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, 212, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 215)  
}
```

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, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.8216, 65.4032, 73.6557 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, 212, 215) }
```


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

```
.border{ border-color:rgb(208, 212, 215) }
```

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

Here you see how a box with a 4 pixel rgb(208, 212, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8216, 65.4032, 73.6557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 215) }
```

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

```
.background{ background-color: rgb(208,  
212, 215) }
```

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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