

Converting Colors

XYZ(65.4754, 69.9426, 77.7515)

Have a look what the booklet for
XYZ(65.4754, 69.9426, 77.7515)
contains.

XYZ(65.4012, 69.8274, 77.7412)	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(65.4012, 69.8274,
77.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DBDC
RGB	212, 219, 220
RGB Percent	83%, 86%, 86%
CMY	0.1686, 0.1412, 0.1372
CMYK	0.04, 0.00, 0.00, 0.14
HSL	187°, 10%, 85%
HSV	187°, 4%, 86%
XYZ	65.4012, 69.8274, 77.7412
YIQ	217.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

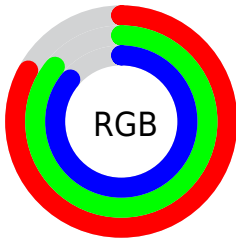
Format	Color
R _Y B	212, 216, 220
Decimal	13949916
CIE Lab	86.91, -2.17, -1.32
CIE LCh	87, 2.537, 211.377
Yxy	69.8274, 0.3071, 0.3279
Android (android.graphics.Color)	4292139996 (0xFFD4DBDC)
YUV	217.0210, 1.4686, -4.4034
Hunter-Lab	83.5628, -6.5302, 3.3345

Details

The XYZ color **65.4012, 69.8274, 77.7412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1934, 67.5571, 71.8923**, and the grayscale version is **65.9619, 69.3970, 75.5734**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.9716, 36.4356, 40.8396** is the 20% darker color. If you saturate the color by 10%, you get **58.7778, 65.3622, 77.2295**, and if you desaturate by 10%, it is **72.9045, 74.7676, 78.3004**.

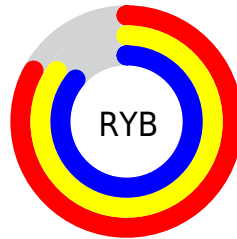
Distribution



Red (83%)

Green (86%)

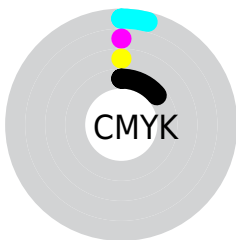
Blue (86%)



Red (83%)

Yellow (85%)

Blue (86%)

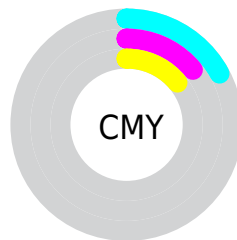


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (14%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4012, 69.8274, 77.7412 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 65.4012, 69.8274, 77.7412 by changing the saturation by 10% instead.

■ 65.4012, 69.8274,
77.7412

■ 65.4012, 69.8274,
77.7412

433.7548,
459.9437, 506.7921

■ 48.0524, 51.3858,
57.3462

111.6890,
118.9626, 131.9678

■ 34.0798, 36.5158,
40.8721

141.3586,
150.4250, 166.6365

■ 23.1181, 24.8328,
27.9002

175.8659,
186.9965, 206.9001

■ 14.8019, 15.9525,
18.0120

215.5763,
229.0614, 253.1773

■ 8.7659, 9.4906,
10.7891

260.8549,
277.0042, 305.8866

■ 4.6447, 5.0625,
5.8128

312.0674,

■ 2.0729, 2.2840,

331.2093, 365.4464

2.6647

369.5788,
392.0610, 432.2754

■ 0.6744, 0.7652,
0.9256

■ 0.0000, 0.0000,
0.0000

■ 65.4012, 69.8274,
77.7412

■ 65.4012, 69.8274,
77.7412

■ 58.7778, 65.3622,
77.2295

■ 72.9045, 74.7676,
78.3004

■ 52.9935, 61.3450,
76.7589

■ 80.9449, 80.0003,
78.8866

■ 48.0133, 57.7596,
76.3294

■ 81.6895, 81.4895,
79.1348

■ 43.7972, 54.5854,
75.9389

■ 82.4461, 83.0026,
79.3870

40.3019, 51.7998,
75.5855

83.2146, 84.5397,
79.6431

37.4795, 49.3783,
75.2668

83.9952, 86.1008,
79.9033

35.2765, 47.2930,
74.9804

84.7879, 87.6862,
80.1676

33.6308, 45.5119,
74.7234

85.5927, 89.2959,
80.4358

32.4673, 43.9962,
74.4922

86.4097, 90.9299,
80.7082

Harmonies

Analogous

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



65.2367, 69.8274, 76.1086



65.4012, 69.8274, 77.7412



65.8247, 69.8274, 78.9295

Triad

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



65.4012, 69.8274, 77.7412



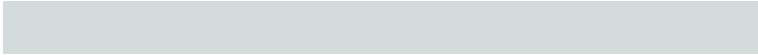
67.3736, 69.8274, 77.6035



66.3415, 69.8274, 72.8156

Complementary

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



65.4012, 69.8274, 77.7412



65.1934, 67.5571, 71.8923

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.



66.9160, 69.8274, 73.2027



65.4012, 69.8274, 77.7412



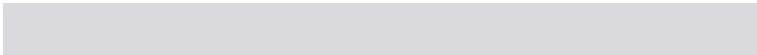
67.5140, 69.8274, 75.9518

Square

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



65.4012, 69.8274, 77.7412



66.9636, 69.8274, 78.8492



67.3460, 69.8274, 74.3444



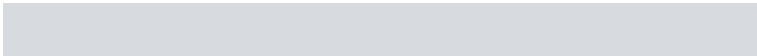
65.7776, 69.8274, 73.2792

Rectangle

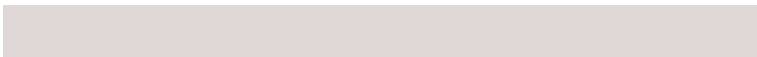
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4012, 69.8274, 77.7412



66.1982, 69.8274, 79.3010



67.3460, 69.8274, 74.3444



66.5398, 69.8274, 72.8505

Sweetspot

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



65.4032, 69.8304, 77.7427



94.0168, 99.3171, 108.8226



64.7475, 69.9853, 73.0035



20.1344, 21.2651, 23.2933



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

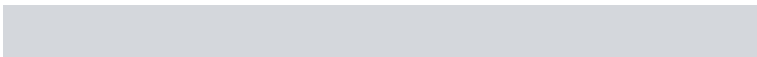
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.4032, 69.8304, 77.7427



90.9924, 97.3085, 108.5944



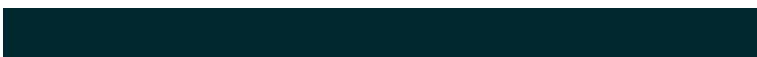
64.3882, 67.8004, 77.4044



13.9890, 15.0015, 16.8104



18.7774, 25.4243, 43.6561



1.2561, 1.7264, 2.8415

Inverse Universe

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



65.8464, 67.4185, 76.5639



91.6780, 93.5823, 106.7702



66.1957, 69.5616, 72.2263



14.1127, 14.3304, 16.4809



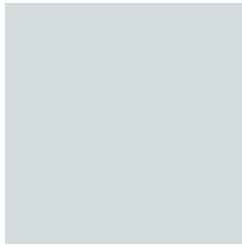
22.9733, 11.1904, 30.5692



1.5083, 0.7330, 2.0858

Previews

White Background



This preview shows how the XYZ color 65.4012, 69.8274, 77.7412 looks on a white background.

Color Contrast Check

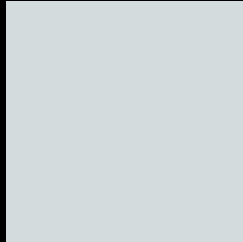
Large Text (above 18pt) WCAG AA × Fail

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 65.4012, 69.8274, 77.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

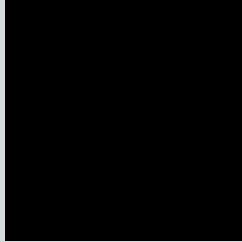
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

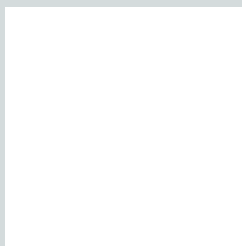
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4012, 69.8274, 77.7412

Background



This preview shows how black text looks on a background with the XYZ color 65.4012, 69.8274, 77.7412.



This preview shows how white text looks on a background with the XYZ color 65.4012, 69.8274,

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

65.4012, 69.8274, 77.7412

Protanopia

67.0295, 69.5458, 76.2205

Deuteranopia

71.4041, 69.8670, 78.8295



Tritanopia

67.3957, 69.8624, 87.7746

Trichromacy



Original Color

65.4012, 69.8274, 77.7412

Protanomaly

66.5125, 69.6456, 76.9552

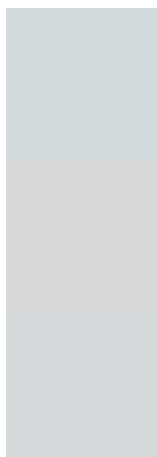
Deuteranomaly

69.0926, 69.8076, 78.2392

Tritanomaly

66.6548, 69.9461, 84.1166

Monochromacy



Original Color

65.4012, 69.8274, 77.7412

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7506, 69.6518, 76.3084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4012, 69.8274, 77.7412 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(212, 219, 220) looks like.

```
.text, #text, p{  
    color:rgb(212, 219, 220)  
}
```

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(212, 219, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 219, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.4012, 69.8274, 77.7412 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(212, 219, 220) }
```


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

```
.border{ border-color:rgb(212, 219, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 219, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 219, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 219, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 219,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4012, 69.8274, 77.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 219, 220) }
```

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

```
.background{ background-color: rgb(212,  
219, 220) }
```

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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