

Converting Colors

XYZ(61.6984, 74.2860, 77.0069)

Have a look what the booklet for
XYZ(61.6984, 74.2860, 77.0069)
contains.

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Color

**XYZ(61.7612, 74.4937,
76.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	B7EBD9
RGB	183, 235, 217
RGB Percent	72%, 92%, 85%
CMY	0.2823, 0.0784, 0.1490
CMYK	0.22, 0.00, 0.08, 0.08
HSL	159°, 57%, 82%
HSV	159°, 22%, 92%
XYZ	61.7612, 74.4937, 76.7692
YIQ	217.4000, -25.2140, -16.6220

Conversions

Conversions Part 2

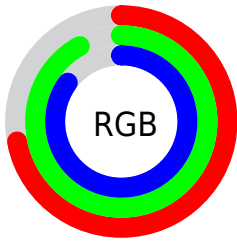
Format	Color
R _Y B	183, 214, 235
Decimal	12053465
CIE Lab	89.16, -20.18, 3.29
CIE LCh	89, 20.448, 170.729
Yxy	74.4937, 0.2899, 0.3497
Android (android.graphics.Color)	4290243545 (0xFFB7EBD9)
YUV	217.4000, -0.1972, -30.1688
Hunter-Lab	86.3097, -23.3117, 7.6806

Details

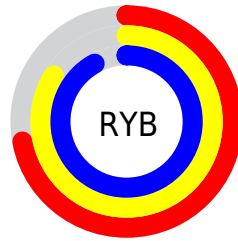
The XYZ color **61.7612, 74.4937, 76.7692** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7397, 55.7482, 62.7681**, and the grayscale version is **66.2432, 69.6930, 75.8957**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **31.6949, 39.5160, 40.1393** is the 20% darker color. If you saturate the color by 10%, you get **55.5995, 71.4385, 71.0932**, and if you desaturate by 10%, it is **68.9125, 78.0570, 82.7670**.

Distribution



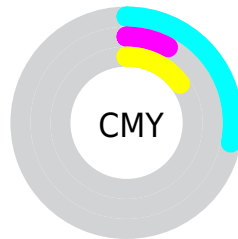
- Red (72%)
- Green (92%)
- Blue (85%)



- Red (72%)
- Yellow (84%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)





- Cyan (28%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7612, 74.4937, 76.7692 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 61.7612, 74.4937, 76.7692 by changing the saturation by 10% instead.


 61.7612, 74.4937,
76.7692

 61.7612, 74.4937,
76.7692


420.7909,
476.1755, 503.3935

 45.0946, 55.1982,
56.5530


 106.4722,
125.5954, 130.5837

 31.7336, 39.5604,
40.2395


135.2474,
158.1704, 165.0191

 21.3126, 27.1960,
27.4101


168.7894,
195.9407, 205.0313

 13.4665, 17.7205,
17.6463


207.4638,
239.2907, 251.0388

 7.8298, 10.7495,
10.5296

251.6358,
288.6048, 303.4603

 4.0371, 5.8986,
5.6413

301.6707,

 1.7231, 2.7835,

344.2674, 362.7142

2.5630

357.9340,
406.6628, 429.2191

0.4707, 1.0198,
0.8733

0.0000, 0.0000,
0.0000

61.7612, 74.4937,
76.7692

61.7612, 74.4937,
76.7692

55.5995, 71.4385,
71.0932

68.9125, 78.0570,
82.7670

50.3742, 68.8581,
65.7280

77.0909, 82.1417,
89.0874

46.0361, 66.7292,
60.6689

86.3397, 86.7720,
95.7379

42.5295, 65.0232,
55.9091

88.1337, 87.5530,
102.3230

■ 39.7914, 63.7077,
51.4416

■ 88.9997, 87.8994,
106.8832

■ 37.7498, 62.7457,
47.2588

■ 36.3182, 62.0927,
43.3522

■ 35.5131, 61.7407,
40.4634

Harmonies

Analogous

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



63.6415, 74.4937, 64.9494



61.7612, 74.4937, 76.7692



62.2143, 74.4937, 91.2177

Triad

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



61.7612, 74.4937, 76.7692



74.2503, 74.4937, 109.5818



77.0448, 74.4937, 61.6657

Complementary

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



61.7612, 74.4937, 76.7692



61.7397, 55.7482, 62.7681

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.



80.1501, 74.4937, 71.7798



61.7612, 74.4937, 76.7692



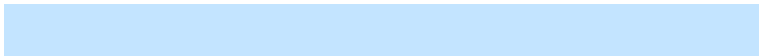
78.4848, 74.4937, 99.7530

Square

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



61.7612, 74.4937, 76.7692



69.2713, 74.4937, 111.3240



80.6891, 74.4937, 85.6134



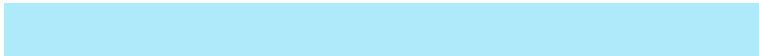
72.3592, 74.4937, 56.9280

Rectangle

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



61.7612, 74.4937, 76.7692



63.7875, 74.4937, 100.3681



80.6891, 74.4937, 85.6134



78.3171, 74.4937, 64.4895

Sweetspot

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



61.7633, 74.4968, 76.7709



87.8060, 96.3787, 103.4508



62.3992, 75.2841, 56.0435



18.6667, 20.5654, 22.0441



0.0000, 0.0000, 0.0000



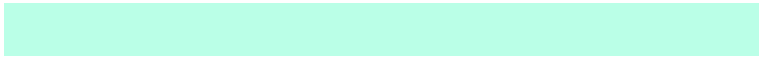
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7633, 74.4968, 76.7709



70.4932, 87.7567, 88.9465



62.0501, 71.1160, 89.0572



15.2833, 17.0281, 18.1747



19.8262, 34.3849, 22.8475



1.6019, 2.7181, 2.0312

Inverse Universe

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



61.7397, 55.7482, 62.7681



70.4616, 61.0935, 69.0418



61.3978, 58.2576, 52.8099



15.2807, 15.1401, 16.7637



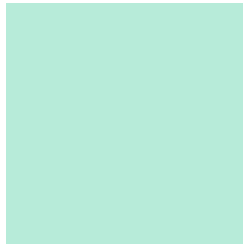
19.9560, 10.1851, 5.5698



1.6109, 0.8173, 0.6685

Previews

White Background



This preview shows how the XYZ color 61.7612, 74.4937, 76.7692 looks on a white background.

Color Contrast Check

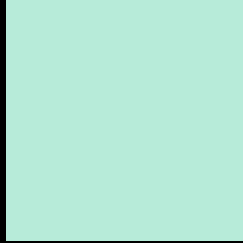
Large Text (above 18pt) WCAG AA × Fail

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 61.7612, 74.4937, 76.7692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

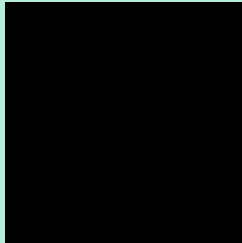
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

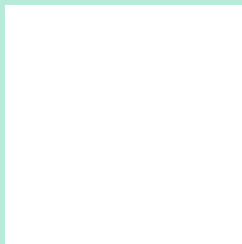
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.7612, 74.4937, 76.7692

Background



This preview shows how black text looks on a background with the XYZ color 61.7612, 74.4937, 76.7692.

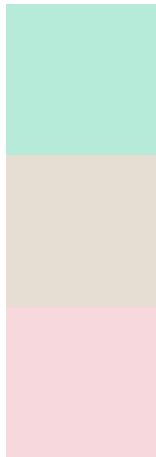


This preview shows how white text looks on a background with the XYZ color 61.7612, 74.4937,

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

61.7612, 74.4937, 76.7692

Protanopia

70.3873, 73.7187, 71.4921

Deuteranopia

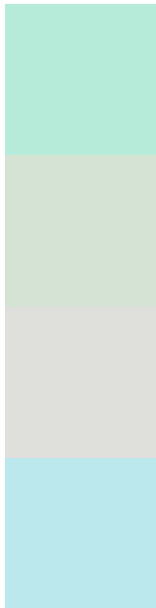
75.6130, 73.9250, 78.6903



Tritanopia

66.3820, 74.2520, 100.4559

Trichromacy



Original Color

61.7612, 74.4937, 76.7692

Protanomaly

66.9199, 73.8884, 73.6856

Deuteranomaly

69.7374, 73.6306, 78.2467

Tritanomaly

64.6362, 74.3924, 91.0733

Monochromacy



Original Color

61.7612, 74.4937, 76.7692

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.3569, 71.3002, 76.0160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7612, 74.4937, 76.7692 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(183, 235, 217)` looks like.

```
.text, #text, p{  
    color:rgb(183, 235, 217)  
}
```

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(183, 235, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 235, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.7612, 74.4937, 76.7692 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(183, 235, 217) }
```


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

```
.border{ border-color:rgb(183, 235, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 235, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 235, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 235, 217);  
box-shadow:4px 4px 4px 4px rgb(183, 235,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7612, 74.4937, 76.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 235, 217) }
```

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

```
.background{ background-color: rgb(183,  
235, 217) }
```

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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