

Converting Colors

XYZ(61.6242, 76.3034, 82.7282)

Have a look what the booklet for
XYZ(61.6242, 76.3034, 82.7282)
contains.

XYZ(61.7640, 76.5271, 82.7501)	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(61.7640, 76.5271,
82.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	ACF0E1
RGB	172, 240, 225
RGB Percent	67%, 94%, 88%
CMY	0.3255, 0.0588, 0.1176
CMYK	0.28, 0.00, 0.06, 0.06
HSL	167°, 69%, 81%
HSV	167°, 28%, 94%
XYZ	61.7640, 76.5271, 82.7501
YIQ	217.9580, -35.7130, -19.0810

Conversions

Conversions Part 2

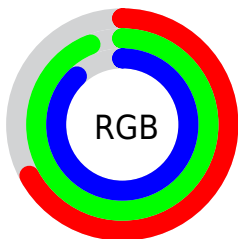
Format	Color
RYB	172, 210, 240
Decimal	11333857
CIELab	90.10, -24.26, 0.42
CIELCh	90, 24.265, 179.004
Yxy	76.5271, 0.2794, 0.3462
Android (android.graphics.Color)	4289523937 (0xFFACF0E1)
YUV	217.9580, 3.4717, -40.3052
Hunter-Lab	87.4798, -27.0619, 5.1514

Details

The XYZ color **61.7640, 76.5271, 82.7501** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.6601, 51.6203, 53.8362**, and the grayscale version is **66.6079, 70.0767, 76.3135**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **31.8674, 41.0348, 44.2711** is the 20% darker color. If you saturate the color by 10%, you get **56.2541, 73.7708, 78.7810**, and if you desaturate by 10%, it is **68.2519, 79.7890, 86.8852**.

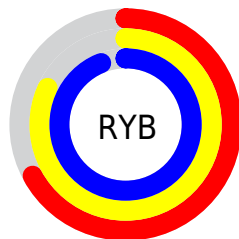
Distribution



Red (67%)

Green (94%)

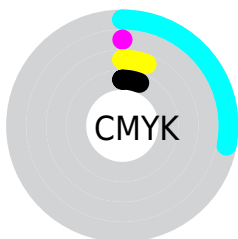
Blue (88%)



Red (67%)

Yellow (82%)

Blue (94%)

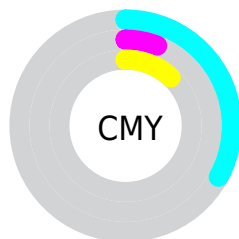


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7640, 76.5271, 82.7501 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 61.7640, 76.5271, 82.7501 by changing the saturation by 10% instead.

61.7640, 76.5271,
82.7501

61.7640, 76.5271,
82.7501

420.8010,
483.1501, 524.1025

45.0969, 56.8648,
61.4446

106.4762,
128.4717, 139.0715

31.7354, 40.8967,
44.1512

135.2521,
161.5229, 174.9245

21.3140, 28.2384,
30.4513

168.7949,
199.8057, 216.4637

13.4675, 18.5054,
19.9265

207.4701,
243.7048, 264.1077

7.8305, 11.3135,
12.1580

251.6429,
293.6043, 318.2751

4.0375, 6.2781,
6.7276

301.6788,

1.7234, 3.0149,

349.8888, 379.3843

3.2165

357.9430,
412.9426, 447.8539

0.4708, 1.1395,
1.2062

0.0000, 0.0115,
0.0000

61.7640, 76.5271,
82.7501

61.7640, 76.5271,
82.7501

56.2541, 73.7708,
78.7810

68.2519, 79.7890,
86.8852

51.6642, 71.4842,
74.9692

75.7589, 83.5716,
91.1844

47.9402, 69.6415,
71.3127

84.3314, 87.9009,
95.6525

45.0197, 68.2105,
67.8077

89.0640, 90.2479,
100.0608

■ 42.8315, 67.1545,
64.4496

■ 89.8894, 90.5781,
104.4073

■ 41.2918, 66.4304,
61.2335

■ 90.4515, 90.8029,
107.3672

■ 40.2817, 65.9768,
58.1527

■ 40.1369, 65.9131,
57.6510

Harmonies

Analogous

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



63.2568, 76.5271, 67.3895



61.7640, 76.5271, 82.7501



63.0736, 76.5271, 100.4585

Triad

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



61.7640, 76.5271, 82.7501



78.4961, 76.5271, 115.8184



78.8633, 76.5271, 58.0114

Complementary

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



61.7640, 76.5271, 82.7501



59.6601, 51.6203, 53.8362

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.



83.3395, 76.5271, 68.2596



61.7640, 76.5271, 82.7501



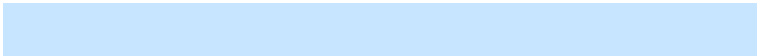
83.1194, 76.5271, 101.5933

Square

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



61.7640, 76.5271, 82.7501



72.5357, 76.5271, 121.0689



84.9376, 76.5271, 83.9026



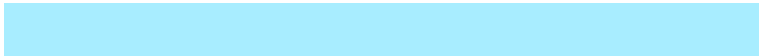
72.9381, 76.5271, 54.3748

Rectangle

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



61.7640, 76.5271, 82.7501



65.4030, 76.5271, 110.9401



84.9376, 76.5271, 83.9026



80.5991, 76.5271, 60.7208

Sweetspot

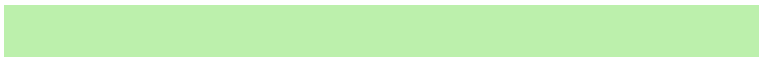
The Sweet Spot groups the original color and five complimentary colors.



61.7662, 76.5302, 82.7518



86.3003, 95.5823, 104.2912



59.3151, 75.9764, 50.5698



18.1893, 20.3160, 22.1663



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.



61.7662, 76.5302, 82.7518



67.0941, 85.9265, 92.3086



58.8297, 67.2365, 92.3190



16.0894, 17.8658, 19.4936



22.0225, 36.1010, 31.8312



1.8685, 3.0178, 2.8397

Inverse Universe

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



59.6601, 51.6203, 53.8362



64.3136, 52.9824, 54.0913



61.8265, 58.3909, 47.0431



15.9156, 15.8159, 17.1116



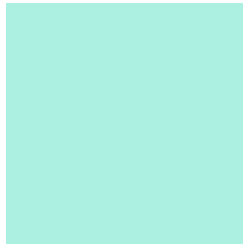
20.0631, 10.2977, 2.9832



1.7052, 0.8711, 0.4383

Previews

White Background



This preview shows how the XYZ color 61.7640, 76.5271, 82.7501 looks on a white background.

Color Contrast Check

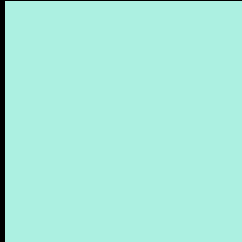
Large Text (above 18pt) WCAG AA × Fail

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 61.7640, 76.5271, 82.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

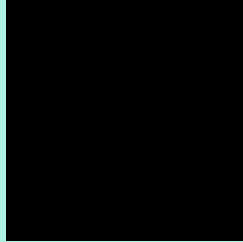
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7640, 76.5271, 82.7501

Background



This preview shows how black text looks on a background with the XYZ color 61.7640, 76.5271, 82.7501.

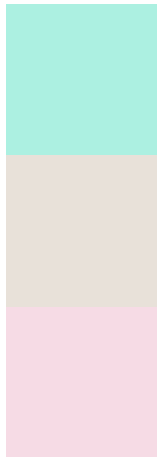


This preview shows how white text looks on a background with the XYZ color 61.7640, 76.5271,

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

61.7640, 76.5271, 82.7501

Protanopia

72.7283, 76.0160, 76.4850

Deuteranopia

77.4804, 75.9130, 84.6978



Tritanopia

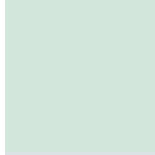
66.2449, 76.6116, 105.0620

Trichromacy



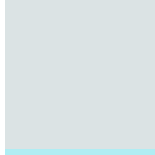
Original Color

61.7640, 76.5271, 82.7501



Protanomaly

67.7934, 75.4626, 78.7028



Deuteranomaly

70.6861, 75.5997, 84.2654



Tritanomaly

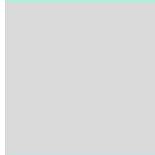
64.3663, 76.2695, 96.1230

Monochromacy



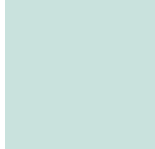
Original Color

61.7640, 76.5271, 82.7501



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.3349, 72.0307, 78.9191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7640, 76.5271, 82.7501 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(172, 240, 225)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 225)  
}
```

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(172, 240, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 225) }
```

Border

The CSS property to change the border of an element to XYZ 61.7640, 76.5271, 82.7501 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(172, 240, 225) }
```


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

```
.border{ border-color:rgb(172, 240, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 240, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 240, 225);  
box-shadow:4px 4px 4px 4px rgb(172, 240,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7640, 76.5271, 82.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 225) }
```

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

```
.background{ background-color: rgb(172,  
240, 225) }
```

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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