

Converting Colors

XYZ(62.5355, 76.6604, 99.3976)

Have a look what the booklet for
XYZ(62.5355, 76.6604, 99.3976)
contains.

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Color

**XYZ(62.4458, 76.5092,
99.4722)**

Conversions

Conversions Part 1

Format	Color
Hex	A0F0F7
RGB	160, 240, 247
RGB Percent	63%, 94%, 97%
CMY	0.3725, 0.0588, 0.0314
CMYK	0.35, 0.03, 0.00, 0.03
HSL	185°, 84%, 80%
HSV	185°, 35%, 97%
XYZ	62.4458, 76.5092, 99.4722
YIQ	216.8780, -49.9270, -14.7830

Conversions

Conversions Part 2

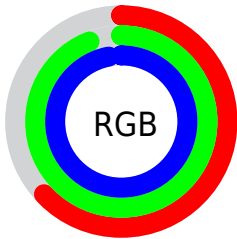
Format	Color
R _Y B	160, 202, 247
Decimal	10547447
CIE _{Lab}	90.10, -22.64, -11.14
CIE _{LCh}	90, 25.231, 206.202
Y _{xy}	76.5092, 0.2619, 0.3209
Android (android.graphics.Color)	4288737527 (0xFFA0F0F7)
Y _{UV}	216.8780, 14.8501, -49.8820
Hunter-Lab	87.4695, -25.6379, -6.1972

Details

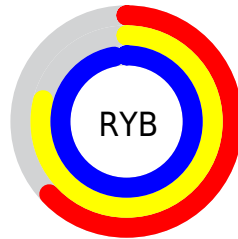
The XYZ color **62.4458, 76.5092, 99.4722** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.5227, 49.9504, 39.8163**, and the grayscale version is **65.7977, 69.2243, 75.3853**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **32.2534, 40.9856, 55.5013** is the 20% darker color. If you saturate the color by 10%, you get **57.4090, 73.0510, 99.0715**, and if you desaturate by 10%, it is **68.4744, 80.4919, 99.9245**.

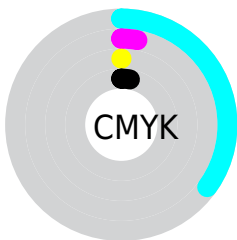
Distribution



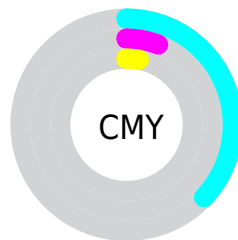
- Red (63%)
- Green (94%)
- Blue (97%)



- Red (63%)
- Yellow (79%)
- Blue (97%)



- Cyan (35%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4458, 76.5092, 99.4722 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 62.4458, 76.5092, 99.4722 by changing the saturation by 10% instead.

62.4458, 76.5092,
99.4722

62.4458, 76.5092,
99.4722

423.2471,
483.0890, 579.7314

45.6500, 56.8501,
75.2454

107.4559,
128.4464, 162.4772

32.1732, 40.8849,
55.3110

136.4009,
161.4934, 202.0925

21.6500, 28.2292,
39.2505

170.1263,
199.7718, 247.6744

13.7151, 18.4985,
26.6453

208.9974,
243.6660, 299.6414

8.0032, 11.3085,
17.0770

253.3797,
293.5605, 358.4121

4.1488, 6.2747,
10.1268

303.6385,

1.7866, 3.0128,

349.8395, 424.4049

5.3764

360.1392,
412.8875, 498.0385

■ 0.5096, 1.1384,
2.4072

■ 0.0000, 0.0105,
0.7904

■ 62.4458, 76.5092,
99.4722

■ 62.4458, 76.5092,
99.4722

■ 57.4090, 73.0510,
99.0715

■ 68.4744, 80.4919,
99.9245

■ 53.2989, 70.0782,
98.7143

■ 75.5417, 85.0177,
100.4256

■ 50.0531, 67.5603,
98.3994

■ 83.6996, 90.1154,
100.9796

■ 47.5986, 65.4599,
98.1233

■ 91.5811, 95.0801,
101.5225

■ 45.8506, 63.7330,
97.8821

■ 92.1950, 96.3079,
101.7271

■ 44.7043, 62.3256,
97.6709

■ 92.8153, 97.5487,
101.9339

■ 44.2949, 61.7277,
97.5771

■ 93.4423, 98.8025,
102.1429

■ 93.7888, 99.4955,
102.2584

Harmonies

Analogous

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



61.3586, 76.5092, 81.0432



62.4458, 76.5092, 99.4722



66.2276, 76.5092, 115.3610

Triad

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



62.4458, 76.5092, 99.4722



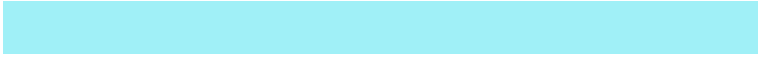
83.1878, 76.5092, 103.9897



73.5198, 76.5092, 53.4261

Complementary

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



62.4458, 76.5092, 99.4722



58.5227, 49.9504, 39.8163

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.



79.6228, 76.5092, 57.8172



62.4458, 76.5092, 99.4722



85.4032, 76.5092, 85.6096

Square

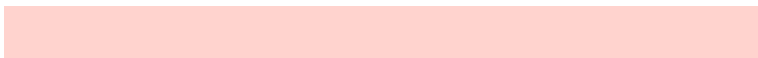
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.4458, 76.5092, 99.4722



78.1649, 76.5092, 118.2208



84.0629, 76.5092, 68.9928



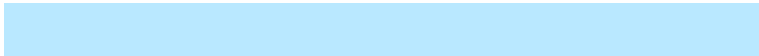
67.5334, 76.5092, 56.0459

Rectangle

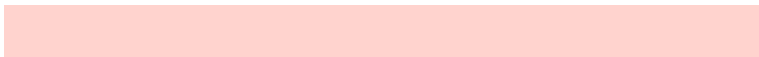
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.4458, 76.5092, 99.4722



69.8867, 76.5092, 121.4673



84.0629, 76.5092, 68.9928



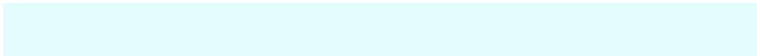
75.6283, 76.5092, 54.1125

Sweetspot

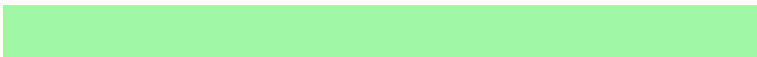
The Sweet Spot groups the original color and five complimentary colors.



62.4481, 76.5122, 99.4740



84.7573, 93.6318, 108.2133



54.6241, 76.7425, 47.9158



17.8918, 19.8844, 23.1450



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.



62.4481, 76.5122, 99.4740



63.3179, 79.6531, 106.6451



51.4129, 54.4419, 95.7956



16.8760, 18.5163, 21.2271



23.4754, 32.7447, 51.6211



2.0964, 2.9442, 4.5480

Inverse Universe

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



66.6586, 51.2089, 88.8125



68.5081, 49.0860, 93.3635



67.5786, 68.0622, 42.8350



17.1527, 16.7440, 20.5509



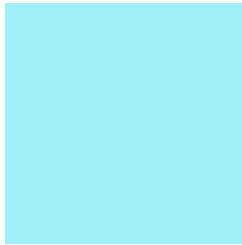
27.6538, 13.4050, 39.7470



2.4472, 1.1849, 3.5815

Previews

White Background



This preview shows how the XYZ color 62.4458, 76.5092, 99.4722 looks on a white background.

Color Contrast Check

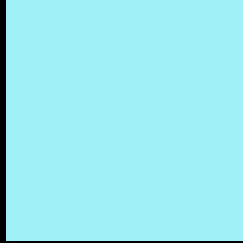
Large Text (above 18pt) WCAG AA × Fail

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 62.4458, 76.5092, 99.4722 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 62.4458, 76.5092, 99.4722

Background



This preview shows how black text looks on a background with the XYZ color 62.4458, 76.5092, 99.4722.



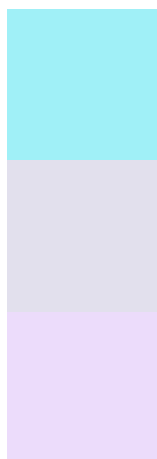
This preview shows how white text looks on a background with the XYZ color 62.4458, 76.5092,

99.4722.

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

62.4458, 76.5092, 99.4722

Protanopia

73.3057, 75.5945, 90.8483

Deuteranopia

77.5979, 75.9843, 101.8434



Tritanopia

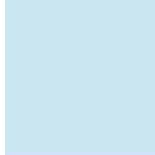
64.6964, 76.2234, 105.9105

Trichromacy



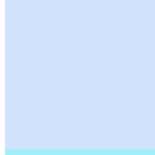
Original Color

62.4458, 76.5092, 99.4722



Protanomaly

68.5311, 75.5011, 94.1803



Deuteranomaly

70.7368, 75.2502, 101.2390



Tritanomaly

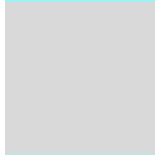
63.8711, 76.2843, 103.4534

Monochromacy



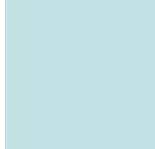
Original Color

62.4458, 76.5092, 99.4722



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.6938, 71.1876, 83.7824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4458, 76.5092, 99.4722 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(160, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(160, 240, 247)  
}
```

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(160, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 240, 247) }
```

Border

The CSS property to change the border of an element to XYZ 62.4458, 76.5092, 99.4722 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(160, 240, 247) }
```


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

```
.border{ border-color:rgb(160, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(160, 240,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4458, 76.5092, 99.4722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 240, 247) }
```

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

```
.background{ background-color: rgb(160,  
240, 247) }
```

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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