

Converting Colors

XYZ(61.6628, 68.7959, 92.5140)

Have a look what the booklet for
XYZ(61.6628, 68.7959, 92.5140)
contains.

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Color

**XYZ(61.6166, 68.7242,
92.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DEF0
RGB	184, 222, 240
RGB Percent	72%, 87%, 94%
CMY	0.2784, 0.1294, 0.0588
CMYK	0.23, 0.07, 0.00, 0.06
HSL	199°, 65%, 83%
HSV	199°, 23%, 94%
XYZ	61.6166, 68.7242, 92.4556
YIQ	212.6900, -28.4260, -2.4580

Conversions

Conversions Part 2

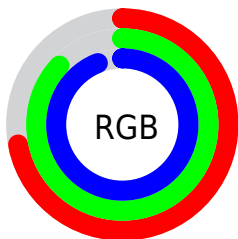
Format	Color
R_{YB}	184, 207, 240
Decimal	12115696
CIE Lab	86.37, -8.50, -12.89
CIE LCh	86, 15.444, 236.598
Yxy	68.7242, 0.2766, 0.3085
Android (android.graphics.Color)	4290305776 (0xFFB8DEF0)
YUV	212.6900, 13.4638, -25.1611
Hunter-Lab	82.9001, -12.4025, -8.0941

Details

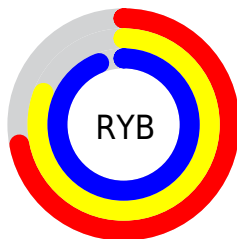
The XYZ color **61.6166, 68.7242, 92.4556** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65.7081, 64.2272, 54.2827**, and the grayscale version is **62.9670, 66.2462, 72.1421**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **31.6764, 35.8440, 50.5965** is the 20% darker color. If you saturate the color by 10%, you get **54.3465, 62.0059, 91.5432**, and if you desaturate by 10%, it is **69.9599, 76.1383, 93.4481**.

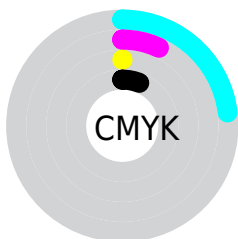
Distribution



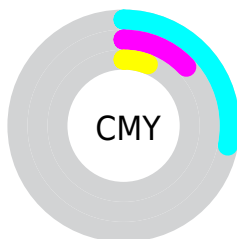
- Red (72%)
- Green (87%)
- Blue (94%)



- Red (72%)
- Yellow (81%)
- Blue (94%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6166, 68.7242, 92.4556 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 61.6166, 68.7242, 92.4556 by changing the saturation by 10% instead.

■ 61.6166, 68.7242,
92.4556

■ 61.6166, 68.7242,
92.4556

420.2711,
456.0576, 556.7618

■ 44.9774, 50.4871,
69.4340

■ 106.2643,
117.3876, 152.7099

■ 31.6408, 35.8006,
50.5913

135.0035,
148.5826, 190.7796

■ 21.2415, 24.2802,
35.5090

168.5067,
184.8659, 234.7024

■ 13.4141, 15.5416,
23.7685

207.1394,
226.6216, 284.8968

■ 7.7933, 9.2004,
14.9514

251.2668,
274.2342, 341.7814

■ 4.0137, 4.8721,
8.6390

301.2543,

■ 1.7099, 2.1724,

328.0882, 405.7748

4.4129

357.4673,
388.5679, 477.2954

■ 0.4624, 0.7049,
1.8545

■ 0.0000, 0.0000,
0.4635

■ 61.6166, 68.7242,
92.4556

■ 61.6166, 68.7242,
92.4556

■ 54.3465, 62.0059,
91.5432

■ 69.9599, 76.1383,
93.4481

■ 48.0929, 55.9473,
90.7033

■ 79.4171, 84.2658,
94.5184

■ 42.8031, 50.5210,
89.9347

■ 89.6644, 92.9434,
95.6532

■ 38.4170, 45.6940,
89.2342

■ 92.0486, 97.7118,
96.4480

■ 34.8670, 41.4296,
88.5982

■ 92.7284, 99.0714,
96.6746

■ 32.0751, 37.6856,
88.0227

■ 29.9470, 34.4114,
87.5029

■ 28.8025, 32.4395,
87.1826

Harmonies

Analogous

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



59.3770, 68.7242, 83.9733



61.6166, 68.7242, 92.4556



64.9141, 68.7242, 96.2012

Triad

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



61.6166, 68.7242, 92.4556



72.4094, 68.7242, 76.0006



62.2971, 68.7242, 58.6025

Complementary

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



61.6166, 68.7242, 92.4556



65.7081, 64.2272, 54.2827

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.



65.7281, 68.7242, 56.8826



61.6166, 68.7242, 92.4556



71.6475, 68.7242, 66.3738

Square

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



61.6166, 68.7242, 92.4556



71.2155, 68.7242, 86.1724



69.1695, 68.7242, 59.5984



59.7598, 68.7242, 64.5274

Rectangle

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



61.6166, 68.7242, 92.4556



67.2993, 68.7242, 95.2773



69.1695, 68.7242, 59.5984



63.3804, 68.7242, 57.5381

Sweetspot

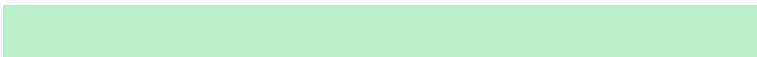
The Sweet Spot groups the original color and five complimentary colors.



61.6187, 68.7270, 92.4572



86.9823, 93.1646, 108.0059



61.5577, 76.7634, 67.2855



18.4754, 19.8191, 23.1017



0.0000, 0.0000, 0.0000



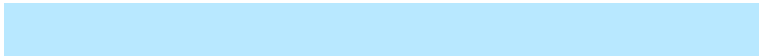
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6187, 68.7270, 92.4572



66.5931, 75.1043, 105.5945



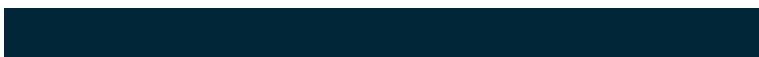
54.8479, 55.1855, 90.2002



15.7942, 17.0225, 20.1748



15.8922, 18.0087, 47.7663



1.4116, 1.6772, 4.0036

Inverse Universe

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



66.2621, 58.0818, 76.8289



72.8706, 61.2043, 84.3567



72.8108, 78.4325, 56.6503



16.2256, 15.9399, 18.7440



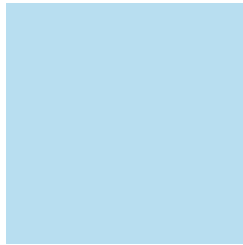
23.3473, 11.6113, 20.2772



1.9875, 0.9840, 1.9249

Previews

White Background



This preview shows how the XYZ color 61.6166, 68.7242, 92.4556 looks on a white background.

Color Contrast Check

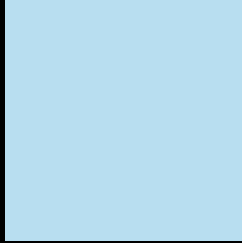
Large Text (above 18pt) WCAG AA × Fail

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 61.6166, 68.7242, 92.4556 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 61.6166, 68.7242, 92.4556

Background



This preview shows how black text looks on a background with the XYZ color 61.6166, 68.7242, 92.4556.

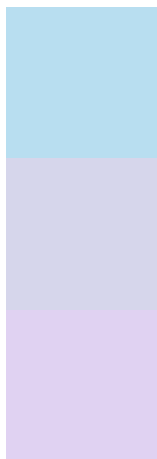


This preview shows how white text looks on a background with the XYZ color 61.6166, 68.7242,

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

61.6166, 68.7242, 92.4556

Protanopia

66.7735, 68.3874, 88.2780

Deuteranopia

69.8141, 68.3513, 93.5179



Tritanopia

61.6166, 68.7242, 92.4556

Trichromacy



Original Color

61.6166, 68.7242, 92.4556

Protanomaly

64.7275, 68.4366, 89.9189

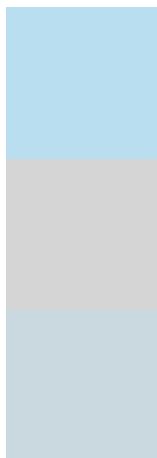
Deuteranomaly

66.2182, 67.9993, 92.8542

Tritanomaly

61.6166, 68.7242, 92.4556

Monochromacy



Original Color

61.6166, 68.7242, 92.4556

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.2323, 66.9960, 79.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6166, 68.7242, 92.4556 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(184, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(184, 222, 240)  
}
```

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(184, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 222, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.6166, 68.7242, 92.4556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

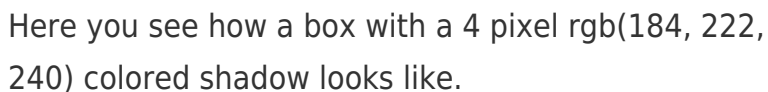
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 222, 240) }
```


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

```
.border{ border-color:rgb(184, 222, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 222, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 222, 240); box-shadow:4px 4px 4px 4px rgb(184, 222, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6166, 68.7242, 92.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 222, 240) }
```

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

```
.background{ background-color: rgb(184,  
222, 240) }
```

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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