

Converting Colors

XYZ(62.5097, 71.8738, 88.4083)

Have a look what the booklet for
XYZ(62.5097, 71.8738, 88.4083)
contains.

XYZ(62.3618, 71.6177, 88.3787)	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(62.3618, 71.6177,
88.3787)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E4EA
RGB	184, 228, 234
RGB Percent	72%, 89%, 92%
CMY	0.2784, 0.1059, 0.0823
CMYK	0.21, 0.03, 0.00, 0.08
HSL	187°, 54%, 82%
HSV	187°, 21%, 92%
XYZ	62.3618, 71.6177, 88.3787
YIQ	215.5280, -28.1500, -7.4620

Conversions

Conversions Part 2

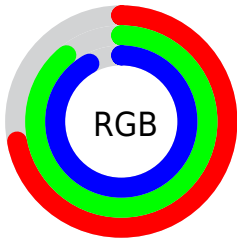
Format	Color
RYB	184, 207, 234
Decimal	12117226
CIELab	87.78, -12.87, -7.62
CIELCh	88, 14.961, 210.640
Yxy	71.6177, 0.2805, 0.3221
Android (android.graphics.Color)	4290307306 (0xFFB8E4EA)
YUV	215.5280, 9.1067, -27.6501
Hunter-Lab	84.6272, -16.5611, -2.6792

Details

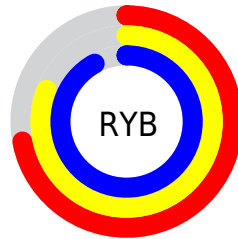
The XYZ color **62.3618, 71.6177, 88.3787** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.9974, 57.7800, 53.2864**, and the grayscale version is **64.9048, 68.2849, 74.3622**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **32.1854, 37.8473, 47.7284** is the 20% darker color. If you saturate the color by 10%, you get **56.4482, 67.4340, 87.8840**, and if you desaturate by 10%, it is **69.2193, 76.3103, 88.9242**.

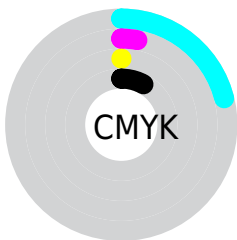
Distribution



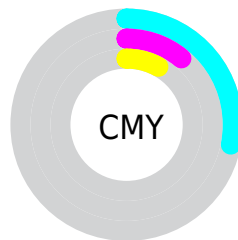
- Red (72%)
- Green (89%)
- Blue (92%)



- Red (72%)
- Yellow (81%)
- Blue (92%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (28%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3618, 71.6177, 88.3787 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 62.3618, 71.6177, 88.3787 by changing the saturation by 10% instead.

■ 62.3618, 71.6177,
88.3787

■ 62.3618, 71.6177,
88.3787

422.9462,
466.2099, 543.1760

■ 45.5818, 52.8464,
66.0706

■ 107.3353,
121.5128, 147.0000

■ 32.1192, 37.6802,
47.8729

136.2594,
153.4055, 184.1504

■ 21.6085, 25.7346,
33.3670

169.9624,
190.4408, 227.0852

■ 13.6845, 16.6252,
22.1343

208.8095,
233.0030, 276.2231

■ 7.9818, 9.9676,
13.7564

253.1660,
281.4767, 331.9826

■ 4.1350, 5.3775,
7.8146

303.3974,

■ 1.7788, 2.4704,

336.2461, 394.7822

3.8905

359.8690,
397.6957, 465.0405

■ 0.5048, 0.8618,
1.5655

■ 0.0000, 0.0000,
0.2660

■ 62.3618, 71.6177,
88.3787

■ 62.3618, 71.6177,
88.3787

■ 56.4482, 67.4340,
87.8840

■ 69.2193, 76.3103,
88.9242

■ 51.4266, 63.7268,
87.4331

■ 77.0569, 81.5250,
89.5176

■ 47.2496, 60.4735,
87.0253

■ 85.9166, 87.2853,
90.1625

■ 43.8629, 57.6460,
86.6581

■ 87.0257, 89.0690,
90.4484

41.2058, 55.2128,
86.3285

87.8548, 90.7273,
90.7248

39.2085, 53.1380,
86.0332

88.6968, 92.4112,
91.0054

37.7875, 51.3783,
85.7685

89.5516, 94.1209,
91.2904

36.9073, 50.0523,
85.5589

90.4194, 95.8564,
91.5796

91.3002, 97.6179,
91.8732

Harmonies

Analogous

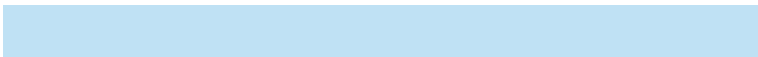
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4671, 71.6177, 78.1982



62.3618, 71.6177, 88.3787



64.7765, 71.6177, 96.2992

Triad

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



62.3618, 71.6177, 88.3787



74.1981, 71.6177, 87.9680



67.9942, 71.6177, 60.0107

Complementary

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



62.3618, 71.6177, 88.3787



60.9974, 57.7800, 53.2864

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.



71.4742, 71.6177, 62.1443



62.3618, 71.6177, 88.3787



75.1306, 71.6177, 77.7612

Square

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



62.3618, 71.6177, 88.3787



71.6108, 71.6177, 96.0480



74.1173, 71.6177, 68.4298



64.6488, 71.6177, 62.3323

Rectangle

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



62.3618, 71.6177, 88.3787



66.9658, 71.6177, 98.9146



74.1173, 71.6177, 68.4298



69.1873, 71.6177, 60.2287

Sweetspot

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



62.3639, 71.6206, 88.3803



89.0608, 96.0475, 108.4528



58.4672, 72.7477, 59.5811



18.9289, 20.4691, 23.2032



0.0000, 0.0000, 0.0000



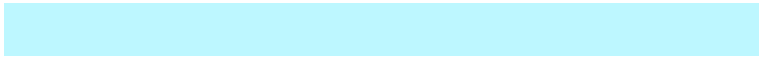
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3639, 71.6206, 88.3803



72.2374, 84.5514, 107.1205



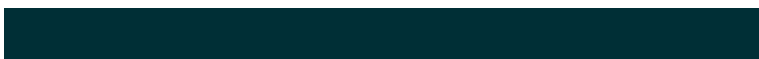
56.0150, 58.9228, 86.2640



15.3545, 16.7955, 19.3548



20.8015, 28.2499, 48.0994



1.6769, 2.3054, 3.7915

Inverse Universe

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



65.0774, 57.3763, 81.0470



76.1690, 64.2446, 96.4205



66.8426, 69.4704, 55.2348



15.6325, 15.2809, 18.6160



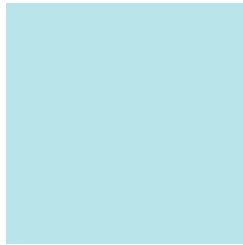
25.3549, 12.3447, 34.0000



2.0129, 0.9781, 2.7855

Previews

White Background



This preview shows how the XYZ color 62.3618, 71.6177, 88.3787 looks on a white background.

Color Contrast Check

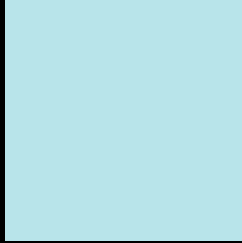
Large Text (above 18pt) WCAG AA × Fail

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 62.3618, 71.6177, 88.3787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

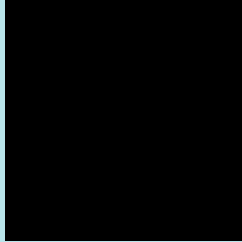
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3618, 71.6177, 88.3787

Background



This preview shows how black text looks on a background with the XYZ color 62.3618, 71.6177, 88.3787.

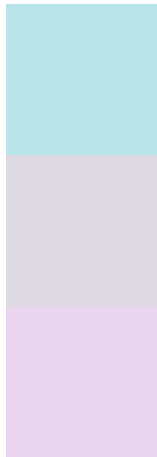


This preview shows how white text looks on a background with the XYZ color 62.3618, 71.6177,

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

62.3618, 71.6177, 88.3787

Protanopia

68.8938, 71.1164, 83.4945

Deuteranopia

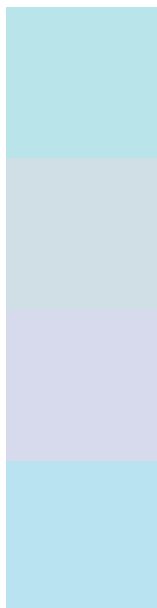
72.6846, 71.0266, 89.9994



Tritanopia

63.7752, 71.3635, 96.0012

Trichromacy



Original Color

62.3618, 71.6177, 88.3787

Protanomaly

66.4166, 71.3656, 85.1373

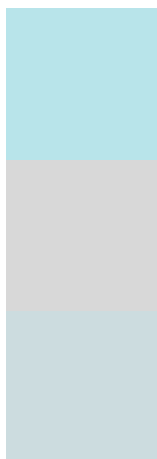
Deuteranomaly

68.2361, 70.6460, 89.3965

Tritanomaly

63.2048, 71.5437, 92.9161

Monochromacy



Original Color

62.3618, 71.6177, 88.3787

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8143, 69.3515, 79.8348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3618, 71.6177, 88.3787 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, 228, 234)` looks like.

```
.text, #text, p{  
    color:rgb(184, 228, 234)  
}
```

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, 228, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 228, 234) }
```

Border

The CSS property to change the border of an element to XYZ 62.3618, 71.6177, 88.3787 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, 228, 234) }
```


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

```
.border{ border-color:rgb(184, 228, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 228, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 228, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 228, 234);  
box-shadow:4px 4px 4px 4px rgb(184, 228,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3618, 71.6177, 88.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 228, 234) }
```

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

```
.background{ background-color: rgb(184,  
228, 234) }
```

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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