

Converting Colors

XYZ(56.8092, 62.5147, 78.4329)

Have a look what the booklet for
XYZ(56.8092, 62.5147, 78.4329)
contains.

XYZ(56.7288, 62.3016, 78.1427)	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(56.7288, 62.3016,
78.1427)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD3DE
RGB	186, 211, 222
RGB Percent	73%, 83%, 87%
CMY	0.2706, 0.1725, 0.1294
CMYK	0.16, 0.05, 0.00, 0.13
HSL	198°, 35%, 80%
HSV	198°, 16%, 87%
XYZ	56.7288, 62.3016, 78.1427
YIQ	204.7790, -18.4310, -1.8790

Conversions

Conversions Part 2

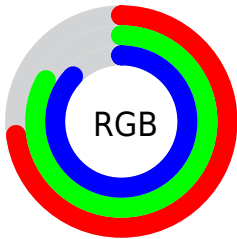
Format	Color
RYB	186, 201, 222
Decimal	12243934
CIELab	83.07, -6.06, -8.25
CIElCh	83, 10.236, 233.671
Yxy	62.3016, 0.2877, 0.3160
Android (android.graphics.Color)	4290434014 (0xFFBAD3DE)
YUV	204.7790, 8.4900, -16.4692
Hunter-Lab	78.9314, -9.8401, -3.4456

Details

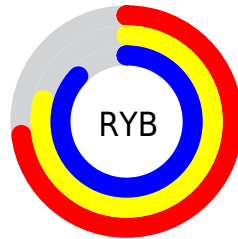
The XYZ color **56.7288, 62.3016, 78.1427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9538, 59.0071, 54.7379**, and the grayscale version is **57.8456, 60.8581, 66.2744**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.5477, 31.8095, 41.1944** is the 20% darker color. If you saturate the color by 10%, you get **50.0999, 56.4373, 77.3612**, and if you desaturate by 10%, it is **64.2703, 68.7452, 78.9900**.

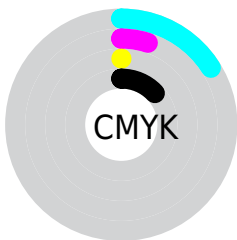
Distribution



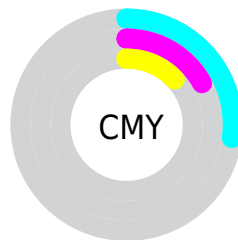
- Red (73%)
- Green (83%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7288, 62.3016, 78.1427 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 56.7288, 62.3016, 78.1427 by changing the saturation by 10% instead.

■ 56.7288, 62.3016,
78.1427

■ 56.7288, 62.3016,
78.1427

402.4629,
433.0304, 508.1921

■ 41.0268, 45.2764,
57.6741

■ 99.2030, 108.1613,
132.5390

■ 28.5278, 31.6752,
41.1337

126.7060,
137.7646, 167.3037

■ 18.8664, 21.1136,
28.1031

158.8733,
172.3295, 207.6708

■ 11.6772, 13.2070,
18.1637

196.0703,
212.2403, 254.0590

■ 6.5949, 7.5713,
10.8969

238.6625,
257.8814, 306.8866

■ 3.2541, 3.8219,
5.8842

287.0150,

■ 1.2895, 1.5744,

309.6371, 366.5723

2.7072

341.4934,
367.8920, 433.5346

■ 0.1754, 0.3403,
0.9470

■ 0.0000, 0.0000,
0.0000

■ 56.7288, 62.3016,
78.1427

■ 56.7288, 62.3016,
78.1427

■ 50.0999, 56.4373,
77.3612

■ 64.2703, 68.7452,
78.9900

■ 44.3388, 51.1229,
76.6390

■ 72.7559, 75.7806,
79.9007

■ 39.4047, 46.3378,
75.9755

■ 82.2223, 83.4297,
80.8782

■ 35.2515, 42.0569,
75.3681

■ 85.0376, 87.7593,
81.5655

■ 31.8280, 38.2524,
74.8142

■ 87.0509, 91.7858,
82.2366

■ 29.0767, 34.8933,
74.3108

■ 89.1394, 95.9628,
82.9327

■ 26.9303, 31.9434,
73.8545

■ 90.1850, 98.0540,
83.2813

■ 25.3052, 29.3583,
73.4412

■ 24.7713, 28.4465,
73.2934

Harmonies

Analogous

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



55.4008, 62.3016, 72.8509



56.7288, 62.3016, 78.1427



58.7476, 62.3016, 80.6931

Triad

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



56.7288, 62.3016, 78.1427



63.5497, 62.3016, 69.1891



57.5226, 62.3016, 57.2684

Complementary

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



56.7288, 62.3016, 78.1427



58.9538, 59.0071, 54.7379

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.



59.6864, 62.3016, 56.4225



56.7288, 62.3016, 78.1427



63.2020, 62.3016, 63.0564

Square

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



56.7288, 62.3016, 78.1427



62.7130, 62.3016, 75.3201



61.7744, 62.3016, 58.4777



55.8511, 62.3016, 60.8646

Rectangle

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



56.7288, 62.3016, 78.1427



60.2280, 62.3016, 80.3890



61.7744, 62.3016, 58.4777



58.2151, 62.3016, 56.6627

Sweetspot

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



56.7306, 62.3042, 78.1441



89.2839, 95.2016, 108.2777



56.4272, 66.7048, 62.6057



18.9427, 20.2363, 23.1576



0.0000, 0.0000, 0.0000



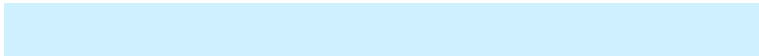
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7306, 62.3042, 78.1441



74.8755, 82.8585, 106.6547



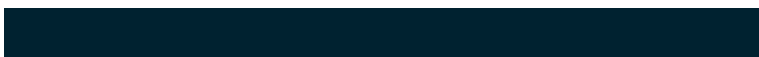
52.5499, 53.9427, 76.7505



13.7448, 14.8287, 17.5255



14.8159, 17.1013, 43.5684



1.1049, 1.3413, 3.0459

Inverse Universe

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



59.4424, 55.3519, 69.1820



79.2018, 71.9711, 92.3112



63.2377, 67.5749, 56.1659



14.1074, 13.8606, 16.3357



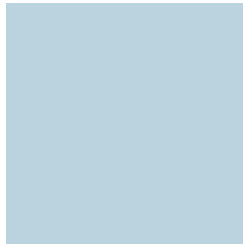
21.4186, 10.6344, 19.4017



1.5240, 0.7529, 1.5520

Previews

White Background



This preview shows how the XYZ color 56.7288, 62.3016, 78.1427 looks on a white background.

Color Contrast Check

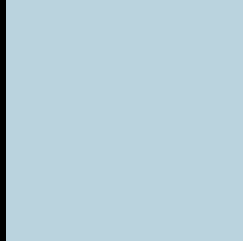
Large Text (above 18pt) WCAG AA × Fail

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 56.7288, 62.3016, 78.1427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

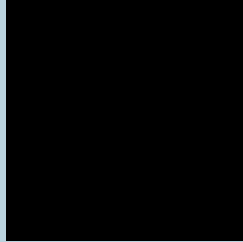
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

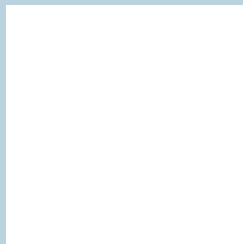
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7288, 62.3016, 78.1427

Background



This preview shows how black text looks on a background with the XYZ color 56.7288, 62.3016, 78.1427.



This preview shows how white text looks on a background with the XYZ color 56.7288, 62.3016,

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

56.7288, 62.3016, 78.1427

Protanopia

60.3496, 62.0425, 75.8125

Deuteranopia

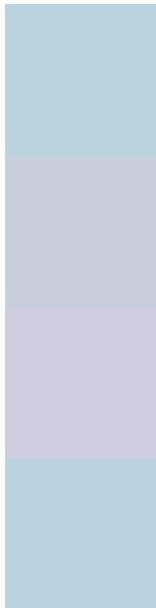
63.5546, 62.2152, 79.1801



Tritanopia

57.4052, 62.2040, 81.6540

Trichromacy



Original Color

56.7288, 62.3016, 78.1427

Protanomaly

58.7843, 61.9351, 76.5665

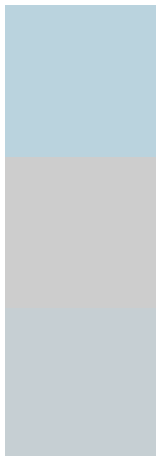
Deuteranomaly

60.8827, 62.2558, 78.6197

Tritanomaly

57.1307, 62.0942, 80.2084

Monochromacy



Original Color

56.7288, 62.3016, 78.1427

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3594, 61.3346, 70.4436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7288, 62.3016, 78.1427 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(186, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 211, 222)  
}
```

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(186, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.7288, 62.3016, 78.1427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

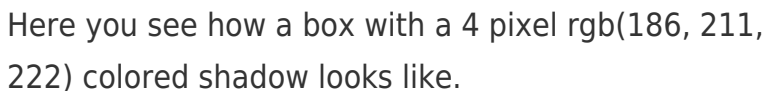
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 211, 222) }
```


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

```
.border{ border-color:rgb(186, 211, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 211, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 211, 222); box-shadow:4px 4px 4px 4px rgb(186, 211, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7288, 62.3016, 78.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 211, 222) }
```

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

```
.background{ background-color: rgb(186,  
211, 222) }
```

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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