

Converting Colors

XYZ(56.2673, 65.5747, 68.2787)

Have a look what the booklet for
XYZ(56.2673, 65.5747, 68.2787)
contains.

XYZ(56.2622, 65.7099, 68.1105) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 28

CSS Examples 31

Color

**XYZ(56.2622, 65.7099,
68.1105)**

Conversions

Conversions Part 1	
Format	Color
Hex	B7DCCE
RGB	183, 220, 206
RGB Percent	72%, 86%, 81%
CMY	0.2823, 0.1372, 0.1922
CMYK	0.17, 0.00, 0.06, 0.14
HSL	157°, 35%, 79%
HSV	157°, 17%, 86%
XYZ	56.2622, 65.7099, 68.1105
YIQ	207.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

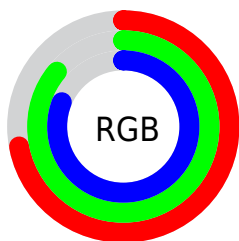
Format	Color
RYB	183, 206, 220
Decimal	12049614
CIELab	84.85, -14.87, 2.83
CIELCh	85, 15.138, 169.227
Yxy	65.7099, 0.2960, 0.3457
Android (android.graphics.Color)	4290239694 (0xFFB7DCCE)
YUV	207.3410, -0.6611, -21.3471
Hunter-Lab	81.0616, -17.9669, 6.9259

Details

The XYZ color **56.2622, 65.7099, 68.1105** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.5290, 53.1155, 60.0991**, and the grayscale version is **59.5418, 62.6426, 68.2178**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.3286, 33.9231, 34.7605** is the 20% darker color. If you saturate the color by 10%, you get **50.4483, 62.8283, 62.6986**, and if you desaturate by 10%, it is **62.9513, 69.0401, 73.8459**.

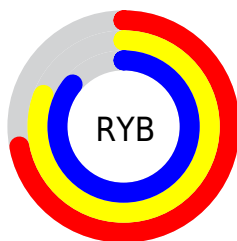
Distribution



Red (72%)

Green (86%)

Blue (81%)



Red (72%)

Yellow (81%)

Blue (86%)

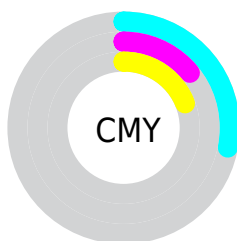


Cyan (17%)

Magenta (0%)

Yellow (6%)

Black (14%)



Cyan (28%)


Magenta (14%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2622, 65.7099, 68.1105 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 56.2622, 65.7099, 68.1105 by changing the saturation by 10% instead.


 56.2622, 65.7099,
68.1105

 56.2622, 65.7099,
68.1105


400.7379,
445.3387, 472.4961

 40.6510, 48.0369,
49.5204

 98.5254, 113.0699,
118.1659

 28.2330, 33.8561,
34.6640

125.9082,
143.5257, 150.4683

 18.6427, 22.7831,
23.1227


157.9455,
179.0112, 188.1785

 11.5149, 14.4334,
14.4779

195.0027,
219.9108, 231.7151

 6.4841, 8.4227,
8.3113

237.4452,
266.6090, 281.4966

 3.1850, 4.3666,
4.2042


285.6383,

 1.2524, 1.8807,


319.4901, 337.9416


1.7380


339.9474,
378.9385, 401.4686


 0.1471, 0.5367,
0.3866


 0.0000, 0.0000,
0.0000


 56.2622, 65.7099,
68.1105

 56.2622, 65.7099,
68.1105


 50.4483, 62.8283,
62.6986


 62.9513, 69.0401,
73.8459


 45.4654, 60.3672,
57.5996


 70.5463, 72.8292,
79.9062


 41.2736, 58.3080,
52.8086


 79.0832, 77.0975,
86.2986

 37.8275, 56.6272,
48.3192


 82.4594, 78.6988,
92.7414


 35.0767, 55.2991,
44.1242


 83.7203, 79.2032,
99.3813

 32.9644, 54.2946,
40.2163

 84.8844, 79.6688,
105.5115

 31.4244, 53.5794,
36.5875

 30.3713, 53.1097,
33.2288

 30.0918, 52.9878,
32.2141

Harmonies

Analogous

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



57.6432, 65.7099, 60.0239



56.2622, 65.7099, 68.1105



56.4947, 65.7099, 77.8787

Triad

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



56.2622, 65.7099, 68.1105



64.6287, 65.7099, 90.6816



66.8141, 65.7099, 58.3079

Complementary

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



56.2622, 65.7099, 68.1105



56.5290, 53.1155, 60.0991

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.



68.8210, 65.7099, 65.5679



56.2622, 65.7099, 68.1105



67.5280, 65.7099, 84.4576

Square

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



56.2622, 65.7099, 68.1105



61.2436, 65.7099, 91.5191



69.0869, 65.7099, 75.0970



63.6829, 65.7099, 54.7148

Rectangle

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



56.2622, 65.7099, 68.1105



57.5359, 65.7099, 84.0268



69.0869, 65.7099, 75.0970



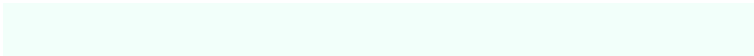
67.6473, 65.7099, 60.3682

Sweetspot

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



56.2640, 65.7126, 68.1120



89.7466, 97.3546, 104.6476



57.2166, 66.5033, 54.6215



19.0555, 20.7612, 22.2730



0.0000, 0.0000, 0.0000



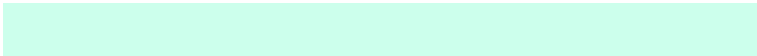
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2640, 65.7126, 68.1120



75.7586, 90.3961, 92.5839



56.9236, 64.1869, 77.1025



13.2251, 14.7417, 15.6483



17.7155, 31.1188, 19.1990



1.1891, 2.0326, 1.4618

Inverse Universe

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



56.5290, 53.1155, 60.0991



76.1926, 69.7896, 79.4792



55.9020, 54.3114, 52.3375



13.2589, 13.1326, 14.6245



18.2944, 9.3188, 5.9301



1.2263, 0.6202, 0.6007

Previews

White Background



This preview shows how the XYZ color 56.2622, 65.7099, 68.1105 looks on a white background.

Color Contrast Check

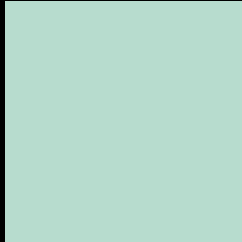
Large Text (above 18pt) WCAG AA × Fail

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 56.2622, 65.7099, 68.1105 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

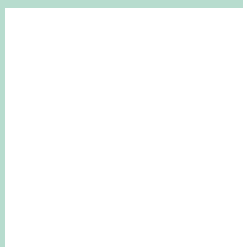
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2622, 65.7099, 68.1105

Background



This preview shows how black text looks on a background with the XYZ color 56.2622, 65.7099, 68.1105.

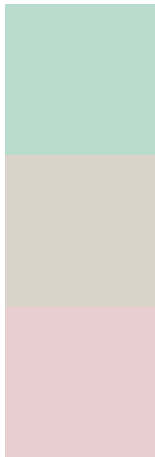


This preview shows how white text looks on a background with the XYZ color 56.2622, 65.7099,

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

56.2622, 65.7099, 68.1105

Protanopia

62.7503, 65.7110, 64.6345

Deuteranopia

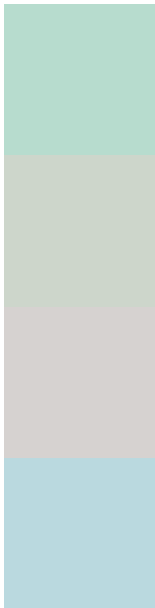
66.6187, 65.4219, 69.4381



Tritanopia

60.0029, 65.6863, 86.6070

Trichromacy



Original Color
56.2622, 65.7099, 68.1105

Protanomaly
60.0029, 65.3841, 65.9578

Deuteranomaly
62.1633, 64.9434, 68.9335

Tritanomaly
58.3818, 65.3925, 79.3570

Monochromacy



Original Color
56.2622, 65.7099, 68.1105

Achromatopsia
59.3074, 62.3960, 67.9493

Achromatomaly
58.0947, 63.5977, 68.2452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2622, 65.7099, 68.1105 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(183, 220, 206) looks like.

```
.text, #text, p{  
    color:rgb(183, 220, 206)  
}
```

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(183, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 220, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.2622, 65.7099, 68.1105 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(183, 220, 206) }
```


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

```
.border{ border-color:rgb(183, 220, 206) }
```

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

Here you see how a box with a 4 pixel rgb(183, 220, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(183, 220,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2622, 65.7099, 68.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 220, 206) }
```

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

```
.background{ background-color: rgb(183,  
220, 206) }
```

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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