

Converting Colors

XYZ(56.5176, 65.3394, 73.2075)

Have a look what the booklet for
XYZ(56.5176, 65.3394, 73.2075)
contains.

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Color

**XYZ(56.5252, 65.3418,
73.2514)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DBD6
RGB	181, 219, 214
RGB Percent	71%, 86%, 84%
CMY	0.2902, 0.1412, 0.1608
CMYK	0.17, 0.00, 0.02, 0.14
HSL	172°, 35%, 78%
HSV	172°, 17%, 86%
XYZ	56.5252, 65.3418, 73.2514
YIQ	207.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

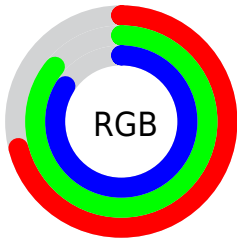
Format	Color
RYB	181, 201, 219
Decimal	11918294
CIELab	84.66, -13.40, -1.70
CIELCh	85, 13.511, 187.208
Yxy	65.3418, 0.2897, 0.3349
Android (android.graphics.Color)	4290108374 (0xFFB5DBD6)
YUV	207.0680, 3.4175, -22.8616
Hunter-Lab	80.8343, -16.6398, 2.8558

Details

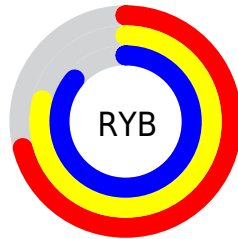
The XYZ color **56.5252, 65.3418, 73.2514** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6026, 51.6548, 53.5497**, and the grayscale version is **59.3419, 62.4323, 67.9888**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **28.4356, 33.6433, 37.7960** is the 20% darker color. If you saturate the color by 10%, you get **51.4237, 62.7558, 71.1087**, and if you desaturate by 10%, it is **62.4442, 68.3520, 75.4691**.

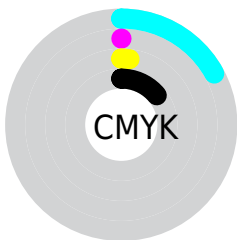
Distribution



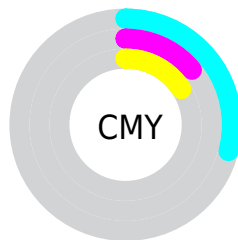
- Red (71%)
- Green (86%)
- Blue (84%)



- Red (71%)
- Yellow (79%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5252, 65.3418, 73.2514 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 56.5252, 65.3418, 73.2514 by changing the saturation by 10% instead.

■ 56.5252, 65.3418,
73.2514

■ 56.5252, 65.3418,
73.2514

401.7108,
444.0192, 490.9798

■ 40.8628, 47.7383,
53.6885

■ 98.9074, 112.5411,
125.5583

■ 28.3991, 33.6197,
37.9612

126.3580,
142.9057, 159.1393

■ 18.7687, 22.6016,
25.6510

158.4686,
178.2928, 198.2301

■ 11.6063, 14.2996,
16.3393

195.6047,
219.0867, 243.2492

■ 6.5465, 8.3293,
9.6076

238.1316,
265.6720, 294.6152

■ 3.2239, 4.3064,
5.0374

286.4147,

■ 1.2733, 1.8464,

318.4329, 352.7466

2.2101

340.8193,
377.7538, 418.0620

■ 0.1631, 0.5158,
0.6802

■ 0.0000, 0.0000,
0.0000

■ 56.5252, 65.3418,
73.2514

■ 56.5252, 65.3418,
73.2514

■ 51.4237, 62.7558,
71.1087

■ 62.4442, 68.3520,
75.4691

■ 47.0964, 60.5664,
69.0347


■ 69.2102, 71.7963,
77.7593


■ 43.5046, 58.7554,
67.0288


■ 76.8583, 75.6946,
80.1252


■ 40.6039, 57.3000,
65.0888


■ 80.2363, 77.3908,
82.3257


 38.3450, 56.1747,
63.2121


 80.6343, 77.5500,
84.4215


 36.6724, 55.3509,
61.3960


 81.0389, 77.7119,
86.5525


 35.5208, 54.7950,
59.6373

 81.4503, 77.8764,
88.7188

 34.8023, 54.4616,
57.9316

 81.8684, 78.0437,
90.9207

 34.6459, 54.3906,
57.4870

 82.2934, 78.2136,
93.1582

Harmonies

Analogous

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



56.9085, 65.3418, 64.9011



56.5252, 65.3418, 73.2514



57.5980, 65.3418, 81.6748

Triad

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



56.5252, 65.3418, 73.2514



65.6805, 65.3418, 85.2180



64.3803, 65.3418, 56.9001

Complementary

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



56.5252, 65.3418, 73.2514



54.6026, 51.6548, 53.5497

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.



66.8420, 65.3418, 61.5635



56.5252, 65.3418, 73.2514



67.6095, 65.3418, 77.7794

Square

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



56.5252, 65.3418, 73.2514



62.8362, 65.3418, 88.9376



68.0413, 65.3418, 69.0816



61.3803, 65.3418, 55.9012

Rectangle

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



56.5252, 65.3418, 73.2514



59.0157, 65.3418, 86.0489



68.0413, 65.3418, 69.0816



65.3011, 65.3418, 58.0717

Sweetspot

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



56.5271, 65.3445, 73.2529



90.2447, 97.5539, 107.2706



53.9399, 64.4494, 53.3143



19.1768, 20.8097, 22.9118



0.0000, 0.0000, 0.0000



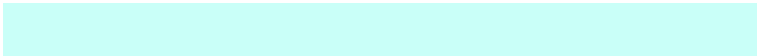
20.3446, 21.4041, 23.3091

Same Dimension

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



56.5271, 65.3445, 73.2529



76.9041, 90.7742, 102.2345



53.6915, 58.6350, 75.5087



13.3673, 14.7985, 16.3969



20.5716, 32.2613, 34.2393



1.3537, 2.0984, 2.3285

Inverse Universe

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



54.6026, 51.6548, 53.5497



73.6785, 67.8221, 69.2050



57.0563, 57.3988, 51.7892



13.1255, 13.0793, 13.9220



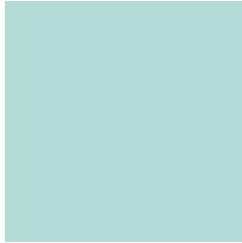
17.4751, 8.9911, 1.6160



1.1553, 0.5918, 0.2268

Previews

White Background



This preview shows how the XYZ color 56.5252, 65.3418, 73.2514 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 56.5252, 65.3418, 73.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

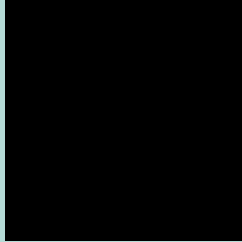
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

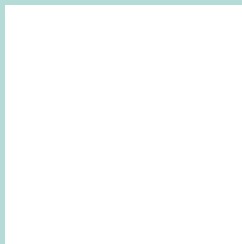
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5252, 65.3418, 73.2514

Background



This preview shows how black text looks on a background with the XYZ color 56.5252, 65.3418, 73.2514.

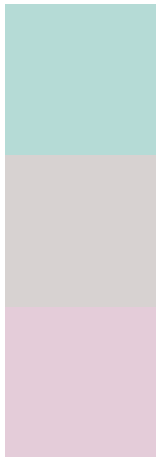


This preview shows how white text looks on a background with the XYZ color 56.5252, 65.3418,

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

56.5252, 65.3418, 73.2514

Protanopia

62.5795, 65.1437, 69.5973

Deuteranopia

66.1122, 64.6895, 74.6475



Tritanopia

59.2714, 65.3092, 86.5728

Trichromacy



Original Color

56.5252, 65.3418, 73.2514

Protanomaly

60.1807, 64.9882, 71.0001

Deuteranomaly

62.0591, 64.4077, 74.1268

Tritanomaly

58.3075, 65.3070, 81.4839

Monochromacy



Original Color

56.5252, 65.3418, 73.2514

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.2158, 63.2474, 70.1124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5252, 65.3418, 73.2514 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(181, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(181, 219, 214)  
}
```

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(181, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 219, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.5252, 65.3418, 73.2514 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(181, 219, 214) }
```


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

```
.border{ border-color:rgb(181, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(181, 219,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5252, 65.3418, 73.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 219, 214) }
```

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

```
.background{ background-color: rgb(181,  
219, 214) }
```

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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