

Converting Colors

XYZ(56.1175, 63.9725, 72.7595)

Have a look what the booklet for
XYZ(56.1175, 63.9725, 72.7595)
contains.

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Color

**XYZ(56.2219, 64.0341,
73.0149)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D8D6
RGB	183, 216, 214
RGB Percent	72%, 85%, 84%
CMY	0.2823, 0.1529, 0.1608
CMYK	0.15, 0.00, 0.01, 0.15
HSL	176°, 30%, 78%
HSV	176°, 15%, 85%
XYZ	56.2219, 64.0341, 73.0149
YIQ	205.9050, -19.0260, -7.6180

Conversions

Conversions Part 2

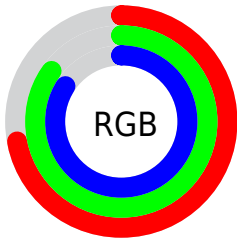
Format	Color
R _{YB}	183, 200, 216
Decimal	12048598
CIE Lab	83.98, -11.24, -2.67
CIE LCh	84, 11.557, 193.368
Yxy	64.0341, 0.2909, 0.3313
Android (android.graphics.Color)	4290238678 (0xFFB7D8D6)
YUV	205.9050, 3.9908, -20.0877
Hunter-Lab	80.0213, -14.6256, 1.9162

Details

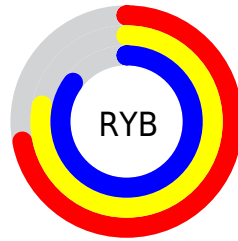
The XYZ color **56.2219, 64.0341, 73.0149** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.0117, 51.9704, 53.0863**, and the grayscale version is **58.5910, 61.6422, 67.1284**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.2088, 32.7388, 37.6333** is the 20% darker color. If you saturate the color by 10%, you get **51.3070, 61.5214, 71.9156**, and if you desaturate by 10%, it is **61.9303, 66.9592, 74.1611**.

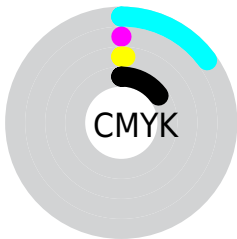
Distribution



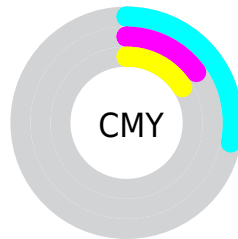
- Red (72%)
- Green (85%)
- Blue (84%)



- Red (72%)
- Yellow (78%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2219, 64.0341, 73.0149 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 56.2219, 64.0341, 73.0149 by changing the saturation by 10% instead.

■ 56.2219, 64.0341,
73.0149

■ 56.2219, 64.0341,
73.0149

400.5887,
439.3128, 490.1386

■ 40.6186, 46.6783,
53.4962

■ 98.4669, 110.6600,
125.2195

■ 28.2075, 32.7814,
37.8086

125.8392,
140.6990, 158.7425

■ 18.6234, 21.9590,
25.5335

157.8653,
175.7344, 197.7707

■ 11.5009, 13.8268,
16.2524

194.9104,
216.1507, 242.7226

■ 6.4745, 8.0003,
9.5466

237.3399,
262.3323, 294.0169

■ 3.1791, 4.0951,
4.9978

285.5193,

■ 1.2492, 1.7269,

314.6636, 352.0719

2.1872

339.8137,
373.5289, 417.3063

■ 0.1447, 0.4410,
0.6670

■ 0.0000, 0.0000,
0.0000

■ 56.2219, 64.0341,
73.0149

■ 56.2219, 64.0341,
73.0149

■ 51.3070, 61.5214,
71.9156

■ 61.9303, 66.9592,
74.1611

■ 47.1443, 59.3945,
70.8571

■ 68.4602, 70.3059,
75.3515

■ 43.6969, 57.6363,
69.8391

■ 75.8451, 74.0932,
76.5889

■ 40.9229, 56.2250,
68.8596

■ 78.6157, 75.5016,
77.6175

■ 38.7758, 55.1368,
67.9165

■ 78.7893, 75.5710,
78.5316

■ 37.2033, 54.3447,
67.0072

■ 78.9642, 75.6410,
79.4529

■ 36.1447, 53.8173,
66.1288

■ 79.1405, 75.7115,
80.3814

■ 35.5254, 53.5162,
65.2780

■ 79.3182, 75.7826,
81.3172

■ 35.3239, 53.4209,
64.8829

■ 79.4973, 75.8542,
82.2601

Harmonies

Analogous

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



56.2904, 64.0341, 65.7850



56.2219, 64.0341, 73.0149



57.3719, 64.0341, 79.8017

Triad

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



56.2219, 64.0341, 73.0149



64.2871, 64.0341, 80.4214



62.2748, 64.0341, 57.1305

Complementary

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



56.2219, 64.0341, 73.0149



54.0117, 51.9704, 53.0863

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.



64.4919, 64.0341, 60.5294



56.2219, 64.0341, 73.0149



65.6757, 64.0341, 73.8136

Square

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



56.2219, 64.0341, 73.0149



62.0016, 64.0341, 84.2747



65.7517, 64.0341, 66.5301



59.7374, 64.0341, 56.9496

Rectangle

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



56.2219, 64.0341, 73.0149



58.6939, 64.0341, 83.0238



65.7517, 64.0341, 66.5301



63.0839, 64.0341, 57.9232

Sweetspot

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



56.2237, 64.0368, 73.0163



90.3895, 97.6118, 108.0328



53.1609, 62.8725, 54.1345



19.2121, 20.8238, 23.0977



0.0000, 0.0000, 0.0000



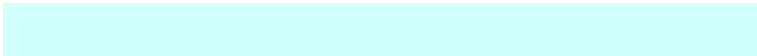
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2237, 64.0368, 73.0163



79.6874, 92.1317, 105.8566



52.9752, 57.1277, 73.2036



12.7581, 14.0943, 15.8067



20.9218, 31.6241, 38.4795



1.2720, 1.9115, 2.3741

Inverse Universe

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



54.0117, 51.9704, 53.0863



75.9343, 71.6577, 72.0412



56.9029, 58.0889, 53.0140



12.4535, 12.4329, 13.0625



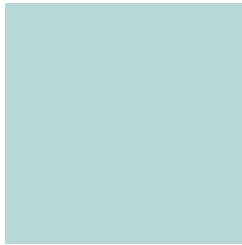
16.8187, 8.6638, 1.0837



1.0254, 0.5270, 0.1232

Previews

White Background



This preview shows how the XYZ color 56.2219, 64.0341, 73.0149 looks on a white background.

Color Contrast Check

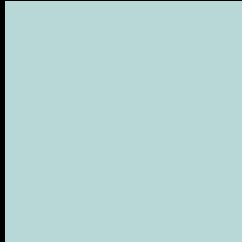
Large Text (above 18pt) WCAG AA × Fail

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 56.2219, 64.0341, 73.0149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

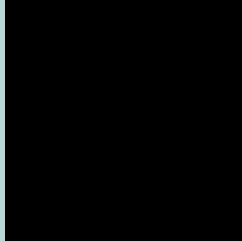
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2219, 64.0341, 73.0149

Background



This preview shows how black text looks on a background with the XYZ color 56.2219, 64.0341, 73.0149.

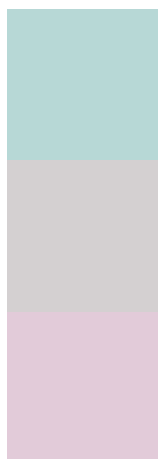


This preview shows how white text looks on a background with the XYZ color 56.2219, 64.0341,

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

56.2219, 64.0341, 73.0149

Protanopia

61.2159, 63.7122, 69.3929

Deuteranopia

65.2444, 63.8904, 74.5390



Tritanopia

58.3269, 63.7408, 84.0920

Trichromacy



Original Color

56.2219, 64.0341, 73.0149

Protanomaly

59.1395, 63.7092, 70.8081

Deuteranomaly

61.5289, 63.7713, 74.0319

Tritanomaly

57.5087, 63.7892, 79.8025

Monochromacy



Original Color

56.2219, 64.0341, 73.0149

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8439, 62.7024, 69.3757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2219, 64.0341, 73.0149 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, 216, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 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(183, 216, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 214) }
```

Border

The CSS property to change the border of an element to XYZ 56.2219, 64.0341, 73.0149 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, 216, 214) }
```


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

```
.border{ border-color:rgb(183, 216, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 216, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 216, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 216, 214); box-shadow:4px 4px 4px 4px rgb(183, 216, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2219, 64.0341, 73.0149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 214) }
```

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

```
.background{ background-color: rgb(183,  
216, 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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