

Converting Colors

XYZ(56.7749, 66.0170, 64.4927)

Have a look what the booklet for
XYZ(56.7749, 66.0170, 64.4927)
contains.

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Color

**XYZ(56.7576, 66.0479,
64.4007)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCC8
RGB	188, 220, 200
RGB Percent	74%, 86%, 78%
CMY	0.2627, 0.1372, 0.2157
CMYK	0.15, 0.00, 0.09, 0.14
HSL	142°, 31%, 80%
HSV	142°, 15%, 86%
XYZ	56.7576, 66.0479, 64.4007
YIQ	208.1520, -12.6520, -13.0040

Conversions

Conversions Part 2

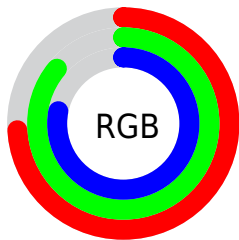
Format	Color
R_{YB}	188, 211, 220
Decimal	12377288
CIE _{Lab}	85.02, -14.39, 6.29
CIE _{LCh}	85, 15.702, 156.381
Yxy	66.0479, 0.3032, 0.3528
Android (android.graphics.Color)	4290567368 (0xFFBCDCC8)
YUV	208.1520, -4.0189, -17.6733
Hunter-Lab	81.2699, -17.5606, 9.9057

Details

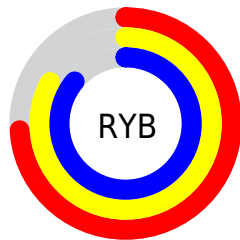
The XYZ color **56.7576, 66.0479, 64.4007** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8860, 55.7378, 67.3324**, and the grayscale version is **60.0854, 63.2146, 68.8407**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **28.4750, 34.0539, 32.2664** is the 20% darker color. If you saturate the color by 10%, you get **50.2102, 62.8519, 56.0795**, and if you desaturate by 10%, it is **64.2795, 69.7333, 73.5249**.

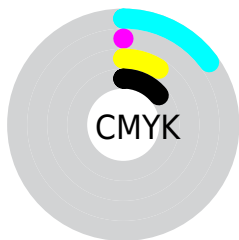
Distribution



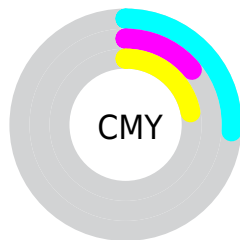
- Red (74%)
- Green (86%)
- Blue (78%)



- Red (74%)
- Yellow (83%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7576, 66.0479, 64.4007 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 56.7576, 66.0479, 64.4007 by changing the saturation by 10% instead.

■ 56.7576, 66.0479,
64.4007

■ 56.7576, 66.0479,
64.4007

402.5693,
446.5482, 458.8823

■ 41.0500, 48.3113,
46.5270

■ 99.2448, 113.5551,
112.7928

■ 28.5460, 34.0735,
32.3103

126.7552,
144.0944, 144.1484

■ 18.8802, 22.9500,
21.3318

158.9305,
179.6702, 180.8349

■ 11.6873, 14.5566,
13.1732

196.1362,
220.6667, 223.2711

■ 6.6018, 8.5088,
7.4158

238.7375,
267.4683, 271.8754

■ 3.2584, 4.4222,
3.6411

287.0999,

■ 1.2919, 1.9124,

320.4595, 327.0663

1.4306

341.5887,
380.0247, 389.2624

■ 0.1771, 0.5558,
0.1654

■ 0.0000, 0.0000,
0.0000

■ 56.7576, 66.0479,
64.4007

■ 56.7576, 66.0479,
64.4007

■ 50.2102, 62.8519,
56.0795

■ 64.2795, 69.7333,
73.5249

■ 44.5907, 60.1160,
48.5352

■ 72.8088, 73.9191,
83.4686

■ 39.8567, 57.8210,
41.7465

■ 82.3839, 78.6264,
94.2532

■ 35.9606, 55.9425,
35.6897

■ 84.8844, 79.6689,
105.5115

■ 32.8497, 54.4540,
30.3397

■ 30.4654, 53.3257,
25.6699

■ 28.7398, 52.5232,
21.6520

■ 27.5912, 52.0051,
18.2551

■ 27.1363, 51.8056,
16.6509

Harmonies

Analogous

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



58.8339, 66.0479, 57.3655



56.7576, 66.0479, 64.4007



56.2665, 66.0479, 74.0984

Triad

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



56.7576, 66.0479, 64.4007



63.5344, 66.0479, 93.0271



68.4043, 66.0479, 60.9843

Complementary

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



56.7576, 66.0479, 64.4007



58.8860, 55.7378, 67.3324

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.



69.7704, 66.0479, 69.7748



56.7576, 66.0479, 64.4007



66.8915, 66.0479, 88.7373

Square

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



56.7576, 66.0479, 64.4007



60.0948, 66.0479, 91.2475



69.2067, 66.0479, 79.9921



65.5369, 66.0479, 55.5262

Rectangle

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



56.7576, 66.0479, 64.4007



56.8871, 66.0479, 80.9079



69.2067, 66.0479, 79.9921



69.0591, 66.0479, 63.6143

Sweetspot

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



56.7594, 66.0507, 64.4022



90.3868, 97.7127, 103.4124



60.7602, 68.2689, 57.5527



19.1643, 20.8252, 21.9181



0.0000, 0.0000, 0.0000



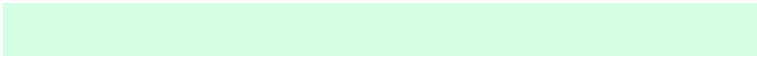
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7594, 66.0507, 64.4022



76.8009, 91.0612, 86.8582



58.6947, 66.8248, 74.5930



13.0875, 14.6866, 14.9235



15.9751, 30.4227, 10.0341



1.0759, 1.9873, 0.8659

Inverse Universe

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



58.8860, 55.7378, 67.3324



80.2384, 74.3891, 91.5937



57.0445, 55.0012, 57.6352



13.3966, 13.1877, 15.3496



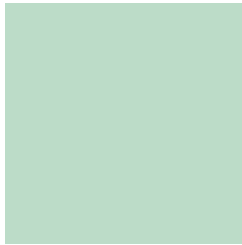
20.0493, 10.0207, 15.1714



1.3402, 0.6657, 1.2002

Previews

White Background



This preview shows how the XYZ color 56.7576, 66.0479, 64.4007 looks on a white background.

Color Contrast Check

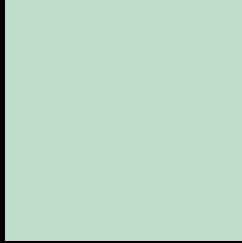
Large Text (above 18pt) WCAG AA × Fail

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 56.7576, 66.0479, 64.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

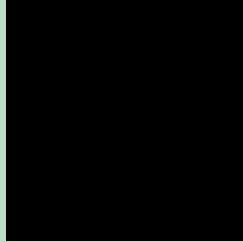
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

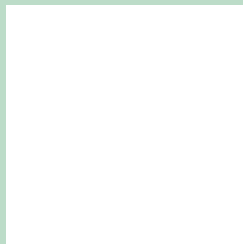
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.7576, 66.0479, 64.4007

Background



This preview shows how black text looks on a background with the XYZ color 56.7576, 66.0479, 64.4007.

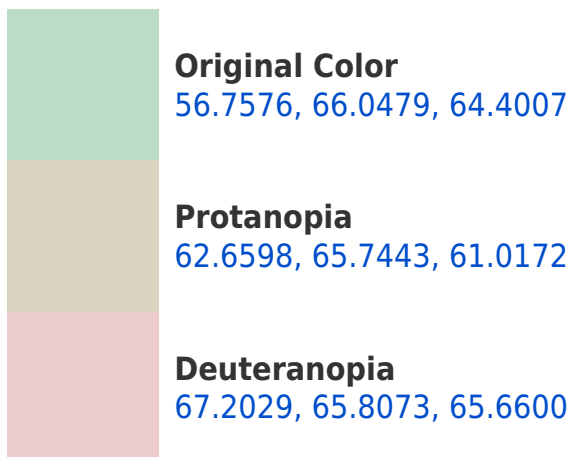


This preview shows how white text looks on a background with the XYZ color 56.7576, 66.0479,

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

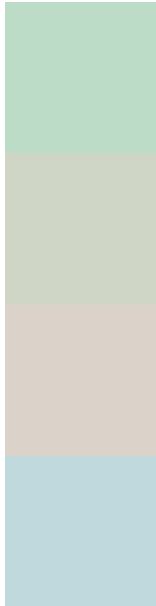




Tritanopia

61.1141, 65.8964, 85.8422

Trichromacy



Original Color

56.7576, 66.0479, 64.4007

Protanomaly

60.1370, 65.5342, 62.3031

Deuteranomaly

62.9207, 65.4175, 65.1877

Tritanomaly

59.4693, 65.9995, 77.3150

Monochromacy



Original Color

56.7576, 66.0479, 64.4007

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.6503, 63.9123, 67.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7576, 66.0479, 64.4007 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(188, 220, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 200)  
}
```

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(188, 220, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.7576, 66.0479, 64.4007 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(188, 220, 200) }
```


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

```
.border{ border-color:rgb(188, 220, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7576, 66.0479, 64.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 200) }
```

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

```
.background{ background-color: rgb(188,  
220, 200) }
```

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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