

Converting Colors

XYZ(56.2866, 64.7740, 61.8800)

Have a look what the booklet for
XYZ(56.2866, 64.7740, 61.8800)
contains.

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Color

**XYZ(56.2625, 64.6876,
61.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9C4
RGB	191, 217, 196
RGB Percent	75%, 85%, 77%
CMY	0.2510, 0.1490, 0.2314
CMYK	0.12, 0.00, 0.10, 0.15
HSL	132°, 25%, 80%
HSV	132°, 12%, 85%
XYZ	56.2625, 64.6876, 61.7452
YIQ	206.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

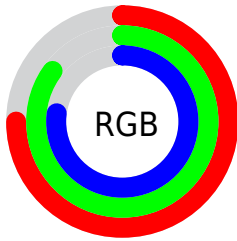
Format	Color
RYB	191, 213, 217
Decimal	12573124
CIELab	84.32, -12.60, 7.43
CIELCh	84, 14.629, 149.492
Yxy	64.6876, 0.3080, 0.3541
Android (android.graphics.Color)	4290763204 (0xFFBFD9C4)
YUV	206.8320, -5.3402, -13.8847
Hunter-Lab	80.4286, -15.8833, 10.7830

Details

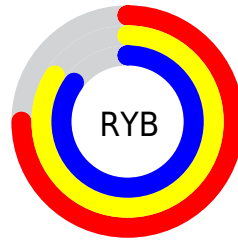
The XYZ color **56.2625, 64.6876, 61.7452** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.1320, 56.7683, 70.1311**, and the grayscale version is **59.2388, 62.3239, 67.8707**.

A 20% lighter version of the original color is **91.8474, 98.3860, 107.0780**, and **28.1193, 33.1120, 30.5004** is the 20% darker color. If you saturate the color by 10%, you get **49.3245, 61.3300, 51.6077**, and if you desaturate by 10%, it is **64.2458, 68.5608, 73.1510**.

Distribution



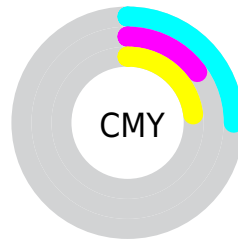
- Red (75%)
- Green (85%)
- Blue (77%)



- Red (75%)
- Yellow (84%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2625, 64.6876, 61.7452 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 56.2625, 64.6876, 61.7452 by changing the saturation by 10% instead.

■ 56.2625, 64.6876,
61.7452

■ 56.2625, 64.6876,
61.7452

400.7390,
441.6685, 448.9830

■ 40.6512, 47.2078,
44.3924

■ 98.5259, 111.6006,
108.9252

■ 28.2331, 33.2000,
30.6396

125.9087,
141.8026, 139.5895

■ 18.6428, 22.2797,
20.0684

157.9461,
177.0141, 175.5280

■ 11.5150, 14.0625,
12.2602

195.0034,
217.6196, 217.1593

■ 6.4842, 8.1642,
6.7965

237.4460,
264.0034, 264.9019

■ 3.1851, 4.2002,
3.2586

285.6392,

■ 1.2524, 1.7862,

316.5498, 319.1744

1.2282

339.9484,
375.6434, 380.3952

■ 0.1471, 0.4785,
0.0018

■ 0.0000, 0.0000,
0.0000

■ 56.2625, 64.6876,
61.7452

■ 56.2625, 64.6876,
61.7452

■ 49.3245, 61.3300,
51.6077

■ 64.2458, 68.5608,
73.1510

■ 43.3830, 58.4582,
42.6906

■ 73.3098, 72.9615,
85.8625

■ 38.3933, 56.0521,
34.9490

■ 83.0882, 77.7019,
99.9016

■ 34.3051, 54.0868,
28.3338

■ 84.1041, 78.1082,
105.2514

■ 31.0635, 52.5350,
22.7922

■ 28.6075, 51.3664,
18.2676

■ 26.8674, 50.5466,
14.6976

■ 25.7609, 50.0345,
12.0133

■ 25.2272, 49.7935,
10.4467

Harmonies

Analogous

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



58.4624, 64.6876, 55.9951



56.2625, 64.6876, 61.7452



55.4524, 64.6876, 70.2755

Triad

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



56.2625, 64.6876, 61.7452



61.4283, 64.6876, 89.8586



67.0768, 64.6876, 61.9969

Complementary

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



56.2625, 64.6876, 61.7452



59.1320, 56.7683, 70.1311

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.



67.9371, 64.6876, 70.5923



56.2625, 64.6876, 61.7452



64.6072, 64.6876, 87.1628

Square

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



56.2625, 64.6876, 61.7452



58.3698, 64.6876, 86.9804



67.0182, 64.6876, 79.9015



64.7062, 64.6876, 56.1312

Rectangle

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



56.2625, 64.6876, 61.7452



55.7867, 64.6876, 76.5670



67.0182, 64.6876, 79.9015



67.5558, 64.6876, 64.6372

Sweetspot

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



56.2643, 64.6904, 61.7466



90.0981, 97.5972, 101.8923



61.4381, 67.4222, 59.0666



19.0914, 20.7961, 21.5344



0.0000, 0.0000, 0.0000



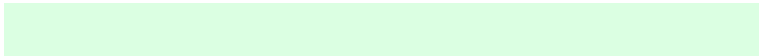
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2643, 64.6904, 61.7466



78.8139, 92.1267, 85.6986



57.7805, 65.2968, 69.7309



12.9883, 14.6470, 14.4015



15.2998, 30.1525, 6.4779



1.0215, 1.9655, 0.5790

Inverse Universe

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



59.1320, 56.7683, 70.1311



83.6141, 78.8654, 99.7323



57.5840, 56.1491, 61.9793



13.5014, 13.2297, 15.9017



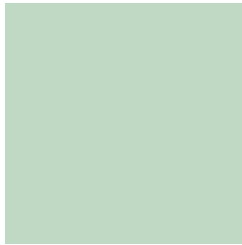
22.0599, 10.8250, 25.7591



1.4573, 0.7126, 1.8170

Previews

White Background



This preview shows how the XYZ color 56.2625, 64.6876, 61.7452 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 56.2625, 64.6876, 61.7452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

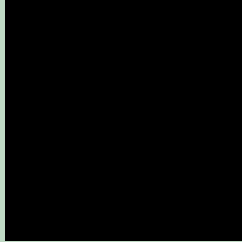
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2625, 64.6876, 61.7452

Background



This preview shows how black text looks on a background with the XYZ color 56.2625, 64.6876, 61.7452.



This preview shows how white text looks on a background with the XYZ color 56.2625, 64.6876, 61.7452.

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

56.2625, 64.6876, 61.7452

Protanopia

61.2283, 64.3121, 59.0556

Deuteranopia

65.5964, 64.3278, 62.9920



Tritanopia

60.4513, 64.4799, 83.3885

Trichromacy



Original Color

56.2625, 64.6876, 61.7452

Protanomaly

59.1815, 64.3471, 59.7531

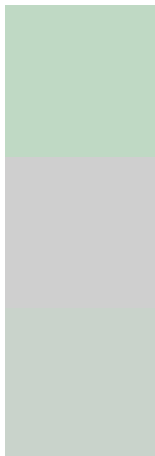
Deuteranomaly

61.6624, 64.0944, 62.5476

Tritanomaly

58.8191, 64.5722, 75.0092

Monochromacy



Original Color

56.2625, 64.6876, 61.7452

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.1612, 63.3178, 65.6561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2625, 64.6876, 61.7452 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(191, 217, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 196)  
}
```

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(191, 217, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.2625, 64.6876, 61.7452 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(191, 217, 196) }
```


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

```
.border{ border-color:rgb(191, 217, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2625, 64.6876, 61.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 196) }
```

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

```
.background{ background-color: rgb(191,  
217, 196) }
```

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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