

Converting Colors

XYZ(57.8559, 65.1604, 54.9221)

Have a look what the booklet for
XYZ(57.8559, 65.1604, 54.9221)
contains.

XYZ(57.8362, 65.2689, 54.8973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8362, 65.2689,
54.8973)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD8B8
RGB	203, 216, 184
RGB Percent	80%, 85%, 72%
CMY	0.2039, 0.1529, 0.2784
CMYK	0.06, 0.00, 0.15, 0.15
HSL	84°, 29%, 78%
HSV	84°, 15%, 85%
XYZ	57.8362, 65.2689, 54.8973
YIQ	208.4650, 2.5240, -12.7080

Conversions

Conversions Part 2

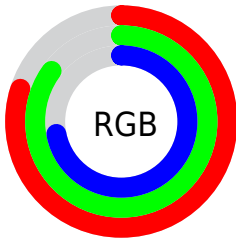
Format	Color
RYB	184, 216, 197
Decimal	13359288
CIELab	84.62, -10.02, 14.30
CIELCh	85, 17.463, 125.003
Yxy	65.2689, 0.3249, 0.3667
Android (android.graphics.Color)	4291549368 (0xFFCBD8B8)
YUV	208.4650, -12.0612, -4.7928
Hunter-Lab	80.7892, -13.5946, 16.2641

Details

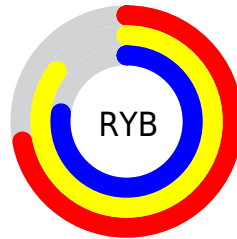
The XYZ color **57.8362, 65.2689, 54.8973** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5637, 51.1110, 72.0642**, and the grayscale version is **60.3323, 63.4743, 69.1235**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **29.2360, 33.5180, 26.4014** is the 20% darker color. If you saturate the color by 10%, you get **53.4202, 63.2362, 43.7600**, and if you desaturate by 10%, it is **62.7369, 67.5153, 67.8647**.

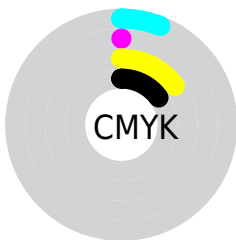
Distribution



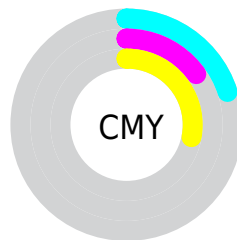
- Red (80%)
- Green (85%)
- Blue (72%)



- Red (72%)
- Yellow (85%)
- Blue (77%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8362, 65.2689, 54.8973 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 57.8362, 65.2689, 54.8973 by changing the saturation by 10% instead.

■ 57.8362, 65.2689,
54.8973

■ 57.8362, 65.2689,
54.8973

406.5390,
443.7576, 422.7935

■ 41.9197, 47.6792,
38.9215

■ 100.8086,
112.4364, 98.8601

■ 29.2293, 33.5729,
26.3913

128.5953,
142.7829, 127.6842

■ 19.3995, 22.5657,
16.8882

161.0694,
178.1504, 161.6280

■ 12.0650, 14.2731,
9.9937

198.5963,
218.9234, 201.1102

■ 6.8605, 8.3109,
5.2892

241.5414,
265.4862, 246.5494

■ 3.4206, 4.2945,
2.3563

290.2699,

■ 1.3799, 1.8396,

318.2233, 298.3639

0.7625

345.1474,
377.5190, 356.9724

■ 0.2418, 0.5117,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8362, 65.2689,
54.8973

■ 57.8362, 65.2689,
54.8973

■ 53.4202, 63.2362,
43.7600

■ 62.7369, 67.5153,
67.8647

■ 49.4656, 61.4014,
34.3662

■ 68.1338, 69.9740,
82.7352

■ 45.9553, 59.7594,
26.6285

■ 74.0446, 72.6543,
99.5829

■ 42.8685, 58.3017,
20.4504

■ 77.9037, 74.5304,
104.8876

■ 40.1827, 57.0189,
15.7252

■ 80.9248, 76.0878,
105.0290

■ 37.8725, 55.9006,
12.3331

■ 83.8472, 77.5943,
105.1657

■ 35.9091, 54.9351,
10.1350

■ 34.2576, 54.1080,
8.9610

■ 33.4946, 53.7217,
8.6040

Harmonies

Analogous

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



61.3849, 65.2689, 51.7598



57.8362, 65.2689, 54.8973



55.4893, 65.2689, 62.3783

Triad

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



57.8362, 65.2689, 54.8973



58.9232, 65.2689, 92.3459



69.8045, 65.2689, 69.2115

Complementary

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



57.8362, 65.2689, 54.8973



52.5637, 51.1110, 72.0642

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.



69.0786, 65.2689, 80.5266



57.8362, 65.2689, 54.8973



62.6919, 65.2689, 94.6613

Square

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



57.8362, 65.2689, 54.8973



56.0983, 65.2689, 84.1017



66.4346, 65.2689, 90.1351



68.3789, 65.2689, 59.4534

Rectangle

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



57.8362, 65.2689, 54.8973



54.8665, 65.2689, 69.2138



66.4346, 65.2689, 90.1351



69.8046, 65.2689, 72.9524

Sweetspot

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



57.8380, 65.2717, 54.8987



91.9425, 98.5827, 100.4087



56.8939, 57.9036, 53.5263



19.5572, 21.0449, 21.1607



0.0000, 0.0000, 0.0000



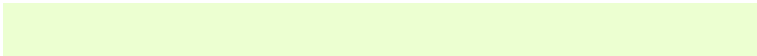
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8380, 65.2717, 54.8987



81.9892, 94.0211, 74.2131



53.7521, 63.1654, 54.7075



12.9621, 14.2567, 13.2293



19.9494, 31.8606, 5.0983



1.2959, 1.9695, 0.3118

Inverse Universe

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



52.5637, 51.1110, 72.0642



72.7909, 69.3233, 104.1520



56.9201, 53.3568, 72.2680



12.2156, 12.2526, 15.6587



9.8207, 4.2153, 38.7492



0.6848, 0.3019, 2.3415

Previews

White Background



This preview shows how the XYZ color 57.8362, 65.2689, 54.8973 looks on a white background.

Color Contrast Check

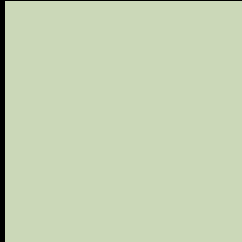
Large Text (above 18pt) WCAG AA × Fail

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 57.8362, 65.2689, 54.8973 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

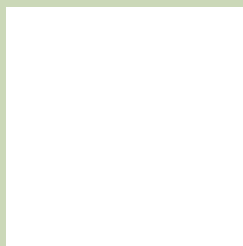
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8362, 65.2689, 54.8973

Background



This preview shows how black text looks on a background with the XYZ color 57.8362, 65.2689, 54.8973.



This preview shows how white text looks on a background with the XYZ color 57.8362, 65.2689,

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

57.8362, 65.2689, 54.8973

Protanopia

61.5113, 64.9590, 53.0124

Deuteranopia

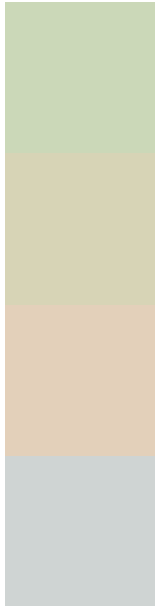
66.2608, 64.8250, 56.0339



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

57.8362, 65.2689, 54.8973

Protanomaly

60.0113, 64.9114, 53.6222

Deuteranomaly

63.0974, 64.9878, 55.6727

Tritanomaly

61.0335, 65.0555, 70.9682

Monochromacy



Original Color

57.8362, 65.2689, 54.8973

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0567, 63.8339, 63.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8362, 65.2689, 54.8973 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(203, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 184)  
}
```

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(203, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.8362, 65.2689, 54.8973 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(203, 216, 184) }
```


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

```
.border{ border-color:rgb(203, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8362, 65.2689, 54.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 184) }
```

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

```
.background{ background-color: rgb(203,  
216, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor