

Converting Colors

XYZ(58.8227, 62.1629, 50.9649)

Have a look what the booklet for
XYZ(58.8227, 62.1629, 50.9649)
contains.

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Color

**XYZ(58.7225, 62.1087,
51.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CEB2
RGB	217, 206, 178
RGB Percent	85%, 81%, 70%
CMY	0.1490, 0.1921, 0.3020
CMYK	0.00, 0.05, 0.18, 0.15
HSL	43°, 34%, 77%
HSV	43°, 18%, 85%
XYZ	58.7225, 62.1087, 51.0126
YIQ	206.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

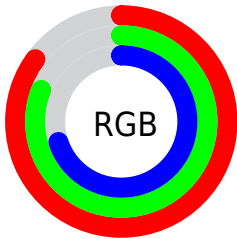
Format	Color
R_{YB}	193, 217, 178
Decimal	14274226
CIE _{Lab}	82.97, -0.75, 15.31
CIE _{LCh}	83, 15.323, 92.798
Yxy	62.1087, 0.3417, 0.3614
Android (android.graphics.Color)	4292464306 (0xFFD9CEB2)
YUV	206.0970, -13.8518, 9.5619
Hunter-Lab	78.8091, -4.9113, 16.7883

Details

The XYZ color **58.7225, 62.1087, 51.0126** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0819, 50.8688, 72.8780**, and the grayscale version is **58.8087, 61.8713, 67.3778**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **29.8302, 31.6185, 23.9328** is the 20% darker color. If you saturate the color by 10%, you get **55.2700, 58.4187, 39.9494**, and if you desaturate by 10%, it is **62.5804, 66.0568, 63.9128**.

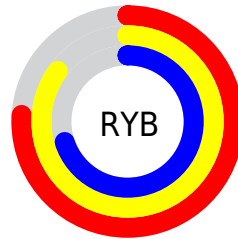
Distribution



Red (85%)

Green (81%)

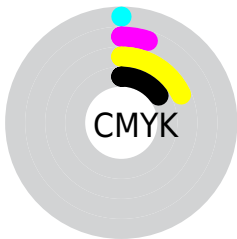
Blue (70%)



Red (76%)

Yellow (85%)

Blue (70%)

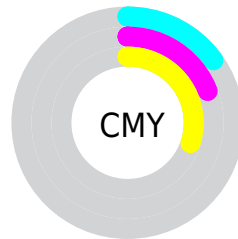


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7225, 62.1087, 51.0126 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 58.7225, 62.1087, 51.0126 by changing the saturation by 10% instead.

■ 58.7225, 62.1087,
51.0126

■ 58.7225, 62.1087,
51.0126

409.7834,
432.3275, 407.4607

■ 42.6353, 45.1205,
35.8418

■ 102.0912,
107.8826, 93.0851

■ 29.7923, 31.5524,
24.0233

130.1033,
137.4372, 120.8239

■ 19.8283, 21.0198,
15.1386

162.8212,
171.9493, 153.5891

■ 12.3778, 13.1385,
8.7690

200.6101,
211.8034, 191.7993

■ 7.0756, 7.5240,
4.4961

243.8354,
257.3839, 235.8731

■ 3.5562, 3.7919,
1.9012

292.8625,

■ 1.4542, 1.5578,

309.0751, 286.2288

0.4935

348.0567,
367.2615, 343.2852

■ 0.2944, 0.3289,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7225, 62.1087,
51.0126

■ 58.7225, 62.1087,
51.0126

■ 55.2700, 58.4187,
39.9494

■ 62.5804, 66.0568,
63.9128

■ 52.2011, 54.9708,
30.6339

■ 66.8544, 70.2619,
78.7259

■ 49.4994, 51.7594,
22.9753

■ 71.5610, 74.7339,
95.5281

■ 47.1450, 48.7756,
16.8729

■ 75.0955, 78.8318,
105.8658

■ 45.1162, 46.0095,
12.2150

■ 76.8328, 82.3065,
106.4450

■ 43.3882, 43.4501,
8.8747

■ 78.6306, 85.9020,
107.0442

■ 41.9320, 41.0848,
6.7033

■ 80.4893, 89.6194,
107.6638

■ 40.7069, 38.8959,
5.4886

■ 82.4096, 93.4601,
108.3039

■ 40.4738, 38.4683,
5.2919

■ 82.4255, 93.4918,
108.3092

Harmonies

Analogous

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



61.9884, 62.1087, 52.6822



58.7225, 62.1087, 51.0126



55.6533, 62.1087, 53.4387

Triad

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



58.7225, 62.1087, 51.0126



53.8451, 62.1087, 77.9820



64.8728, 62.1087, 76.3005

Complementary

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



58.7225, 62.1087, 51.0126



49.0819, 50.8688, 72.8780

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.



62.5457, 62.1087, 84.1249



58.7225, 62.1087, 51.0126



56.1720, 62.1087, 85.1576

Square

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



58.7225, 62.1087, 51.0126



52.9040, 62.1087, 68.5190



59.3435, 62.1087, 87.5032



65.6168, 62.1087, 66.7405

Rectangle

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



58.7225, 62.1087, 51.0126



54.1092, 62.1087, 57.1978



59.3435, 62.1087, 87.5032



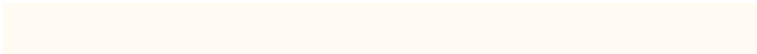
64.2456, 62.1087, 79.2500

Sweetspot

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



58.7242, 62.1115, 51.0139



91.9285, 96.9337, 98.0663



53.7271, 50.2696, 55.0446



19.5853, 20.6572, 20.6766



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.



58.7242, 62.1115, 51.0139



82.4574, 87.2192, 66.4610



59.0167, 66.3304, 51.8128



13.8358, 14.6110, 13.8166



24.5941, 23.4738, 3.2347



1.6649, 1.6640, 0.2334

Inverse Universe

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



49.0819, 50.8688, 72.8780



65.8050, 67.8052, 104.2272



48.8047, 47.3469, 72.2128



12.6361, 13.2120, 16.5363



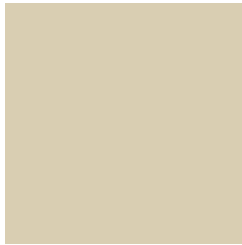
8.6752, 5.2199, 40.2887



0.6343, 0.4828, 2.6342

Previews

White Background



This preview shows how the XYZ color 58.7225, 62.1087, 51.0126 looks on a white background.

Color Contrast Check

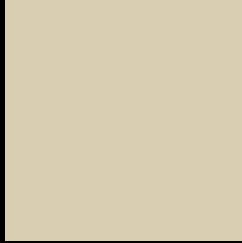
Large Text (above 18pt) WCAG AA × Fail

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 58.7225, 62.1087, 51.0126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

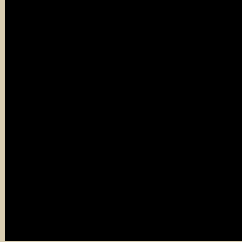
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7225, 62.1087, 51.0126

Background



This preview shows how black text looks on a background with the XYZ color 58.7225, 62.1087, 51.0126.

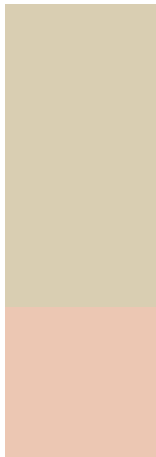


This preview shows how white text looks on a background with the XYZ color 58.7225, 62.1087,

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

58.7225, 62.1087, 51.0126

Protanopia

58.7225, 62.1087, 51.0126

Deuteranopia

63.1522, 61.9344, 51.2739



Tritanopia

63.4055, 62.2608, 73.6414

Trichromacy



Original Color

58.7225, 62.1087, 51.0126

Protanomaly

58.7225, 62.1087, 51.0126

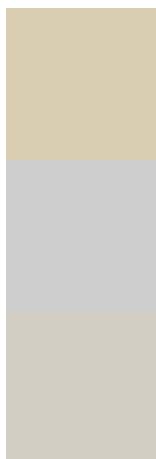
Deuteranomaly

61.5703, 62.1537, 51.3996

Tritanomaly

61.5318, 62.1918, 64.6383

Monochromacy



Original Color

58.7225, 62.1087, 51.0126

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.6135, 61.8298, 61.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7225, 62.1087, 51.0126 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(217, 206, 178) looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 178)  
}
```

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(217, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.7225, 62.1087, 51.0126 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(217, 206, 178) }
```


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

```
.border{ border-color:rgb(217, 206, 178) }
```

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

Here you see how a box with a 4 pixel rgb(217, 206, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7225, 62.1087, 51.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 178) }
```

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

```
.background{ background-color: rgb(217,  
206, 178) }
```

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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