

Converting Colors

XYZ(58.6170, 62.1630, 47.2527)

Have a look what the booklet for
XYZ(58.6170, 62.1630, 47.2527)
contains.

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Color

**XYZ(58.6354, 62.1430,
47.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCEAB
RGB	219, 206, 171
RGB Percent	86%, 81%, 67%
CMY	0.1412, 0.1921, 0.3294
CMYK	0.00, 0.06, 0.22, 0.14
HSL	44°, 40%, 76%
HSV	44°, 22%, 86%
XYZ	58.6354, 62.1430, 47.4324
YIQ	205.8970, 18.9830, -8.1290

Conversions

Conversions Part 2

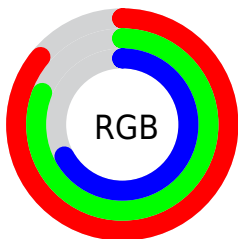
Format	Color
R _{YB}	189, 219, 171
Decimal	14405291
CIE Lab	82.99, -1.04, 19.06
CIE LCh	83, 19.087, 93.115
Yxy	62.1430, 0.3486, 0.3694
Android (android.graphics.Color)	4292595371 (0xFFDBCEAB)
YUV	205.8970, -17.2042, 11.4913
Hunter-Lab	78.8308, -5.1833, 19.5069

Details

The XYZ color **58.6354, 62.1430, 47.4324** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7209, 48.0521, 73.8306**, and the grayscale version is **58.6998, 61.7568, 67.2531**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **29.8679, 31.6809, 21.9936** is the 20% darker color. If you saturate the color by 10%, you get **55.3185, 58.5773, 36.8673**, and if you desaturate by 10%, it is **62.3554, 65.9603, 59.8397**.

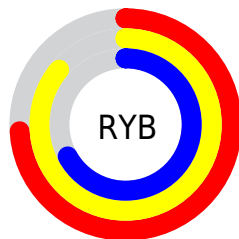
Distribution



Red (86%)

Green (81%)

Blue (67%)



Red (74%)

Yellow (86%)

Blue (67%)

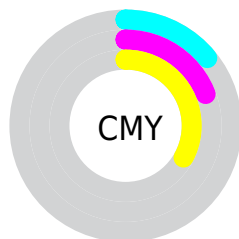


Cyan (0%)

Magenta (6%)

Yellow (22%)

Black (14%)



Cyan (14%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6354, 62.1430, 47.4324 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 58.6354, 62.1430, 47.4324 by changing the saturation by 10% instead.

■ 58.6354, 62.1430,
47.4324

■ 58.6354, 62.1430,
47.4324

409.4652,
432.4525, 392.9815

■ 42.5649, 45.1483,
33.0208

■ 101.9652,
107.9322, 87.7154

■ 29.7369, 31.5742,
21.8712

129.9553,
137.4954, 114.4240

■ 19.7861, 21.0365,
13.5648

162.6493,
172.0169, 146.0686

■ 12.3470, 13.1507,
7.6834

200.4125,
211.8811, 183.0678

■ 7.0543, 7.5324,
3.8082

243.6104,
257.4724, 225.8401

■ 3.5427, 3.7972,
1.5207

292.6082,

■ 1.4468, 1.5608,

309.1751, 274.8042

0.2333

347.7714,
367.3737, 330.3784

■ 0.2892, 0.3309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6354, 62.1430,
47.4324

■ 58.6354, 62.1430,
47.4324

■ 55.3185, 58.5773,
36.8673

■ 62.3554, 65.9603,
59.8397

■ 52.3821, 55.2470,
28.0505

■ 66.4899, 70.0284,
74.1689

■ 49.8088, 52.1462,
20.8860

■ 71.0560, 74.3571,
90.4998

■ 47.5777, 49.2655,
15.2667

■ 75.4830, 78.7190,
105.8236

45.6655, 46.5947,
11.0729

77.1585, 82.0701,
106.3822

44.0455, 44.1221,
8.1671

78.8907, 85.5345,
106.9596

42.6859, 41.8340,
6.3845

80.6801, 89.1133,
107.5560

41.7342, 40.1014,
5.5407

82.5272, 92.8074,
108.1717

83.0235, 93.8001,
108.3372

Harmonies

Analogous

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



62.7225, 62.1430, 49.3680



58.6354, 62.1430, 47.4324



54.8395, 62.1430, 50.3744

Triad

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



58.6354, 62.1430, 47.4324



52.6715, 62.1430, 80.8385



66.4208, 62.1430, 78.4568

Complementary

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



58.6354, 62.1430, 47.4324



46.7209, 48.0521, 73.8306

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.



63.5022, 62.1430, 88.5140



58.6354, 62.1430, 47.4324



55.5526, 62.1430, 89.9977

Square

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



58.6354, 62.1430, 47.4324



51.4984, 62.1430, 68.9042



59.4968, 62.1430, 92.9566



67.3388, 62.1430, 66.4371

Rectangle

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



58.6354, 62.1430, 47.4324



52.9491, 62.1430, 54.9316



59.4968, 62.1430, 92.9566



65.6347, 62.1430, 82.2240

Sweetspot

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



58.6370, 62.1458, 47.4337



90.7857, 95.8585, 93.9533



52.4917, 47.6725, 52.1137



19.3562, 20.4431, 19.8480



0.0000, 0.0000, 0.0000



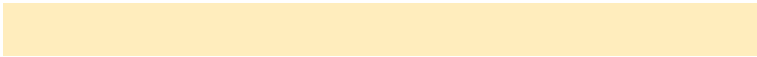
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6370, 62.1458, 47.4337



80.6916, 85.5187, 60.2274



58.8641, 67.1007, 48.3781



13.8486, 14.6365, 13.8208



24.8414, 23.9683, 3.3171



1.6793, 1.6927, 0.2382

Inverse Universe

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



46.7209, 48.0521, 73.8306



61.1899, 62.4565, 103.4380



46.4998, 44.1133, 73.0820



12.6241, 13.1879, 16.5323



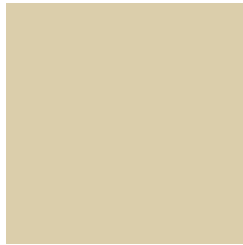
8.5959, 5.0613, 40.2623



0.6279, 0.4699, 2.6320

Previews

White Background



This preview shows how the XYZ color 58.6354, 62.1430, 47.4324 looks on a white background.

Color Contrast Check

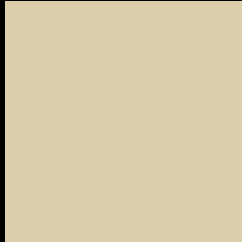
Large Text (above 18pt) WCAG AA × Fail

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 58.6354, 62.1430, 47.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

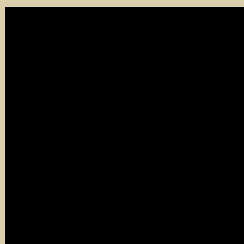
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

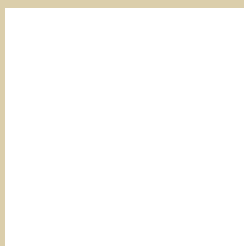
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6354, 62.1430, 47.4324

Background



This preview shows how black text looks on a background with the XYZ color 58.6354, 62.1430, 47.4324.

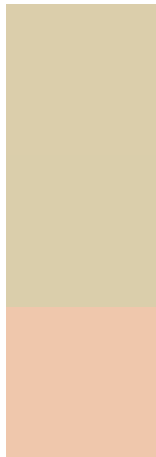


This preview shows how white text looks on a background with the XYZ color 58.6354, 62.1430,

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

58.6354, 62.1430, 47.4324

Protanopia

58.3354, 61.9883, 47.4184

Deuteranopia

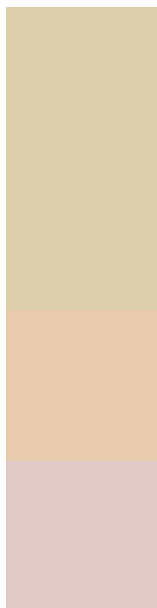
63.4664, 62.1761, 47.6859



Tritanopia

63.9714, 62.2224, 72.9284

Trichromacy



Original Color

58.6354, 62.1430, 47.4324

Protanomaly

58.3354, 61.9883, 47.4184

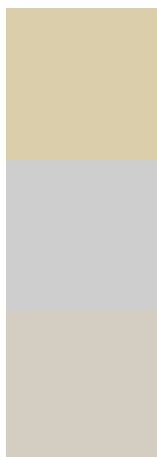
Deuteranomaly

61.8456, 62.3754, 47.8098

Tritanomaly

61.8608, 62.0526, 62.7498

Monochromacy



Original Color

58.6354, 62.1430, 47.4324

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5609, 61.8418, 59.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6354, 62.1430, 47.4324 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(219, 206, 171) looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 171)  
}
```

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(219, 206, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.6354, 62.1430, 47.4324 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(219, 206, 171) }
```


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

```
.border{ border-color:rgb(219, 206, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 206, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6354, 62.1430, 47.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 171) }
```

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

```
.background{ background-color: rgb(219,  
206, 171) }
```

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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