

Converting Colors

XYZ(62.8217, 64.9557, 52.3883)

Have a look what the booklet for
XYZ(62.8217, 64.9557, 52.3883)
contains.

XYZ(62.7890, 64.9010, 52.3978)	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(62.7890, 64.9010,
52.3978)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D0B4
RGB	228, 208, 180
RGB Percent	89%, 82%, 71%
CMY	0.1059, 0.1843, 0.2941
CMYK	0.00, 0.09, 0.21, 0.11
HSL	35°, 47%, 80%
HSV	35°, 21%, 89%
XYZ	62.7890, 64.9010, 52.3978
YIQ	210.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

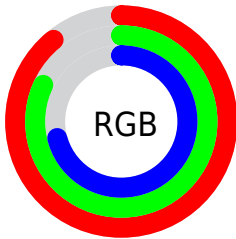
Format	Color
R _Y B	214, 228, 180
Decimal	14995636
CIE Lab	84.43, 2.56, 16.43
CIE LCh	84, 16.630, 81.131
Yxy	64.9010, 0.3487, 0.3604
Android (android.graphics.Color)	4293185716 (0xFFE4D0B4)
YUV	210.7880, -15.1785, 15.0949
Hunter-Lab	80.5612, -1.8599, 17.8300

Details

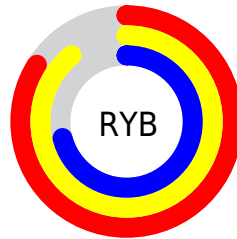
The XYZ color **62.7890, 64.9010, 52.3978** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4799, 56.6119, 81.5077**, and the grayscale version is **61.8657, 65.0875, 70.8803**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **32.3996, 33.4142, 24.8206** is the 20% darker color. If you saturate the color by 10%, you get **58.4085, 59.5560, 40.4056**, and if you desaturate by 10%, it is **67.6938, 70.6821, 66.4512**.

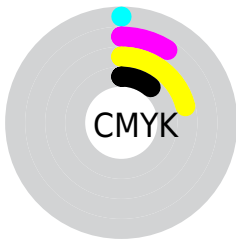
Distribution



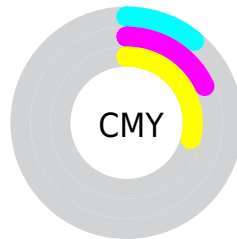
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (84%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7890, 64.9010, 52.3978 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 62.7890, 64.9010, 52.3978 by changing the saturation by 10% instead.


 62.7890, 64.9010,
52.3978

 62.7890, 64.9010,
52.3978


424.4752,
442.4361, 412.9710

 45.9285, 47.3808,
36.9378


 107.9486,
111.9075, 95.1502

 32.3938, 33.3368,
24.8639

136.9784,
142.1626, 123.2797

 21.8195, 22.3846,
15.7576


170.7954,
177.4315, 156.4695

 13.8402, 14.1398,
9.2003

209.7649,
218.0985, 195.1380

 8.0905, 8.2179,
4.7735

254.2522,
264.5481, 239.7039

 4.2052, 4.2347,
2.0586

304.6228,

 1.8189, 1.8057,

317.1646, 290.5857

0.5909

361.2420,
376.3325, 348.2018

■ 0.5290, 0.4907,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7890, 64.9010,
52.3978

■ 62.7890, 64.9010,
52.3978

■ 58.4085, 59.5560,
40.4056

■ 67.6938, 70.6821,
66.4512

■ 54.5260, 54.6260,
30.3714

■ 73.1374, 76.9021,
82.6541

■ 51.1205, 50.1009,
22.1892

■ 79.1402, 83.5751,
101.0946

■ 48.1673, 45.9668,
15.7413

■ 82.9999, 89.6238,
107.5323

■ 45.6390, 42.2085,
10.8961

■ 85.8051, 95.2341,
108.4673

■ 43.5044, 38.8092,
7.5029

■ 41.7268, 35.7497,
5.3818

■ 40.3857, 33.2752,
4.2942

Harmonies

Analogous

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



66.2562, 64.9010, 55.9697



62.7890, 64.9010, 52.3978



59.1589, 64.9010, 53.3254

Triad

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



62.7890, 64.9010, 52.3978



55.2900, 64.9010, 78.2632



67.3888, 64.9010, 84.2286

Complementary

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



62.7890, 64.9010, 52.3978



53.4799, 56.6119, 81.5077

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.



64.2850, 64.9010, 91.4095



62.7890, 64.9010, 52.3978



57.3318, 64.9010, 87.7333

Square

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



62.7890, 64.9010, 52.3978



54.9255, 64.9010, 67.5734



60.5969, 64.9010, 92.7524



68.9807, 64.9010, 73.8518

Rectangle

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



62.7890, 64.9010, 52.3978



57.1273, 64.9010, 56.4132



60.5969, 64.9010, 92.7524



66.4820, 64.9010, 87.1377

Sweetspot

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



62.7907, 64.9039, 52.3992



90.6840, 95.0541, 95.7723



58.7421, 53.3074, 61.8376



19.3117, 20.2330, 20.2068



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.



62.7907, 64.9039, 52.3992



78.5371, 80.7638, 60.8842



66.7226, 74.6299, 54.0692



15.0721, 15.7581, 15.1517



23.4397, 19.4535, 2.5195



1.8233, 1.6200, 0.2166

Inverse Universe

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



53.4799, 56.6119, 81.5077



64.6200, 68.3713, 104.3989



50.0928, 48.4352, 80.1080



14.0736, 14.8687, 18.2725



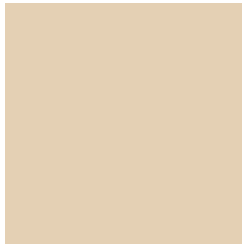
10.5589, 8.1800, 43.4055



0.8702, 0.7844, 3.2375

Previews

White Background



This preview shows how the XYZ color 62.7890, 64.9010, 52.3978 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 62.7890, 64.9010, 52.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

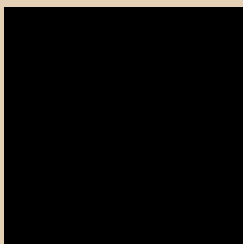
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7890, 64.9010, 52.3978

Background



This preview shows how black text looks on a background with the XYZ color 62.7890, 64.9010, 52.3978.



This preview shows how white text looks on a background with the XYZ color 62.7890, 64.9010,

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

62.7890, 64.9010, 52.3978

Protanopia

61.2059, 64.8015, 52.9981

Deuteranopia

66.3144, 64.9253, 52.7528



Tritanopia

67.6151, 65.0975, 75.3310

Trichromacy



Original Color

62.7890, 64.9010, 52.3978

Protanomaly

61.8814, 64.7844, 52.9592

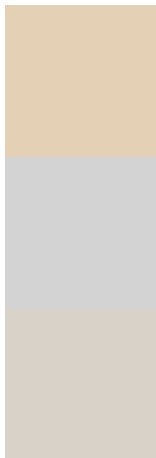
Deuteranomaly

65.0969, 65.0034, 52.8320

Tritanomaly

65.6854, 65.0112, 66.2132

Monochromacy



Original Color

62.7890, 64.9010, 52.3978

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.0872, 65.0150, 63.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7890, 64.9010, 52.3978 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(228, 208, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 208, 180)  
}
```

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(228, 208, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 208, 180) }
```

Border

The CSS property to change the border of an element to XYZ 62.7890, 64.9010, 52.3978 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(228, 208, 180) }
```


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

```
.border{ border-color:rgb(228, 208, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 208, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 208, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 208, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 208,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7890, 64.9010, 52.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 208, 180) }
```

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

```
.background{ background-color: rgb(228,  
208, 180) }
```

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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