

Converting Colors

XYZ(48.0309, 41.0434, 32.9130)

Have a look what the booklet for
XYZ(48.0309, 41.0434, 32.9130)
contains.

XYZ(48.0217, 41.0578, 32.9977)	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(48.0217, 41.0578,
32.9977)**

Conversions

Conversions Part 1

Format	Color
Hex	E29993
RGB	226, 153, 147
RGB Percent	89%, 60%, 58%
CMY	0.1137, 0.4000, 0.4235
CMYK	0.00, 0.32, 0.35, 0.11
HSL	5°, 58%, 73%
HSV	5°, 35%, 89%
XYZ	48.0217, 41.0578, 32.9977
YIQ	174.1430, 45.4340, 13.6100

Conversions

Conversions Part 2

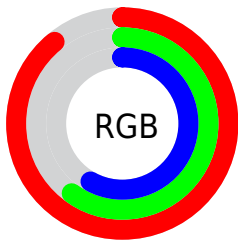
Format	Color
R _Y B	226, 153, 147
Decimal	14850451
CIE Lab	70.22, 26.61, 14.31
CIE LCh	70, 30.213, 28.269
Yxy	41.0578, 0.3934, 0.3363
Android (android.graphics.Color)	4293040531 (0xFFE29993)
YUV	174.1430, -13.3815, 45.4786
Hunter-Lab	64.0764, 21.6423, 14.3206

Details

The XYZ color **48.0217, 41.0578, 32.9977** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.3522, 62.8780, 81.3816**, and the grayscale version is **40.3568, 42.4585, 46.2373**.

A 20% lighter version of the original color is **74.3385, 70.5888, 64.9653**, and **23.1272, 18.5869, 13.4350** is the 20% darker color. If you saturate the color by 10%, you get **43.2956, 34.1703, 23.5157**, and if you desaturate by 10%, it is **53.6965, 49.2848, 44.5155**.

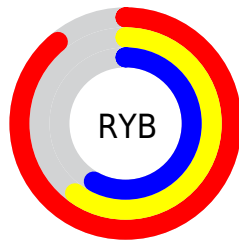
Distribution



Red (89%)

Green (60%)

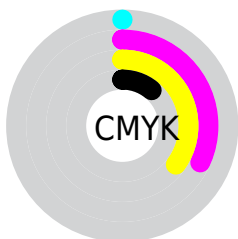
Blue (58%)



Red (89%)

Yellow (60%)

Blue (58%)

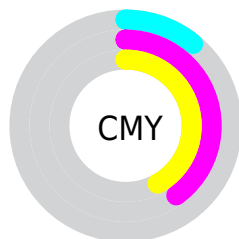


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0217, 41.0578, 32.9977 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 48.0217, 41.0578, 32.9977 by changing the saturation by 10% instead.


 48.0217, 41.0578,
32.9977


 48.0217, 41.0578,
32.9977


369.4593,
350.5621, 330.2711

 34.0554, 28.3643,
21.8536


 86.4462, 76.7716,
65.4879

 23.0992, 18.6004,
13.5521

 111.6351,
100.5607, 87.6711

 14.7879, 11.3819,
7.6746


141.2956,
128.8171, 114.3710

 8.7560, 6.3243,
3.8027

175.7931,
161.9251, 146.0063

 4.6382, 3.0433,
1.5177

215.4928,
200.2693, 182.9953

 2.0692, 1.1544,
0.2311

260.7602,

 0.6724, 0.0240,

244.2339, 225.7568

0.0000

311.9606,
294.2034, 274.7092

■ 0.0000, 0.0000,
0.0000

■ 48.0217, 41.0578,
32.9977

■ 48.0217, 41.0578,
32.9977

■ 43.2956, 34.1703,
23.5157

■ 53.6965, 49.2848,
44.5155

■ 39.4633, 28.5458,
15.9487

■ 60.3644, 58.9108,
58.1755

■ 36.4692, 24.1093,
10.1670

■ 68.0711, 69.9986,
74.0795

■ 34.2502, 20.7754,
6.0238

■ 76.8584, 82.6058,
92.3221

■ 32.7342, 18.4472,
3.3488

■ 85.1740, 94.9087,
108.4378

■ 31.8353, 17.0108,
1.9344

■ 31.5672, 16.5752,
1.5356

Harmonies

Analogous

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



49.3320, 41.0578, 45.5335



48.0217, 41.0578, 32.9977



44.2472, 41.0578, 25.2974

Triad

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



48.0217, 41.0578, 32.9977



31.4757, 41.0578, 31.8464



38.7374, 41.0578, 77.8619

Complementary

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



48.0217, 41.0578, 32.9977



51.3522, 62.8780, 81.3816

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.



34.2293, 41.0578, 72.1284



48.0217, 41.0578, 32.9977



30.2626, 41.0578, 43.8865

Square

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



48.0217, 41.0578, 32.9977



34.6877, 41.0578, 24.7382



31.2272, 41.0578, 58.8977



43.7079, 41.0578, 73.2671

Rectangle

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



48.0217, 41.0578, 32.9977



40.9916, 41.0578, 22.9743



31.2272, 41.0578, 58.8977



37.1208, 41.0578, 77.0584

Sweetspot

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



48.0228, 41.0598, 32.9985



84.1515, 84.3426, 86.3398



54.8136, 42.2428, 73.4852



17.7085, 17.6162, 17.8546



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.



48.0228, 41.0598, 32.9985



58.4727, 47.1856, 34.0014



55.4291, 55.8725, 35.4673



13.7905, 13.8670, 14.2565



18.0419, 9.5218, 0.8870



1.2802, 0.7193, 0.0714

Inverse Universe

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



51.3522, 62.8780, 81.3816



63.4624, 79.9421, 106.6933



42.3318, 44.8371, 78.3748



14.0228, 15.3846, 17.6181



20.8535, 29.1766, 45.5809



1.4724, 2.0762, 3.1684

Previews

White Background



This preview shows how the XYZ color 48.0217, 41.0578, 32.9977 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 48.0217, 41.0578, 32.9977 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 48.0217, 41.0578, 32.9977

Background



This preview shows how black text looks on a background with the XYZ color 48.0217, 41.0578, 32.9977.



This preview shows how white text looks on a background with the XYZ color 48.0217, 41.0578,

32.9977.

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

48.0217, 41.0578, 32.9977

Protanopia

39.1541, 41.1098, 37.3238

Deuteranopia

41.8547, 40.9604, 32.4882



Tritanopia

49.2667, 41.0727, 39.5136

Trichromacy



Original Color

48.0217, 41.0578, 32.9977

Protanomaly

41.7902, 40.5866, 35.7684

Deuteranomaly

43.9456, 40.9750, 32.7869

Tritanomaly

48.9926, 41.2217, 37.2727

Monochromacy



Original Color

48.0217, 41.0578, 32.9977

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.3294, 41.2902, 40.8608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0217, 41.0578, 32.9977 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(226, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 153, 147)  
}
```

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(226, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 153, 147) }
```

Border

The CSS property to change the border of an element to XYZ 48.0217, 41.0578, 32.9977 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(226, 153, 147) }
```


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

```
.border{ border-color:rgb(226, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(226, 153,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0217, 41.0578, 32.9977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 153, 147) }
```

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

```
.background{ background-color: rgb(226,  
153, 147) }
```

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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