

Converting Colors

XYZ(47.5968, 43.8665, 23.0980)

Have a look what the booklet for
XYZ(47.5968, 43.8665, 23.0980)
contains.

XYZ(47.5968, 43.8665, 23.0980)	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(47.5968, 43.8665,
23.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A476
RGB	225, 164, 118
RGB Percent	88%, 64%, 46%
CMY	0.1176, 0.3568, 0.5372
CMYK	0.00, 0.27, 0.48, 0.12
HSL	26°, 64%, 67%
HSV	26°, 48%, 88%
XYZ	47.5968, 43.8665, 23.0980
YIQ	176.9950, 51.1220, -1.3740

Conversions

Conversions Part 2

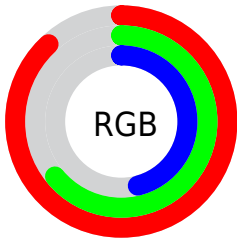
Format	Color
R_{YB}	225, 199, 118
Decimal	14787702
CIE Lab	72.14, 17.14, 32.68
CIE LCh	72, 36.907, 62.321
Yxy	43.8665, 0.4155, 0.3829
Android (android.graphics.Color)	4292977782 (0xFFE1A476)
YUV	176.9950, -29.0845, 42.1004
Hunter-Lab	66.2318, 12.3716, 25.6852

Details

The XYZ color **47.5968, 43.8665, 23.0980** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.1811, 41.5262, 77.2896**, and the grayscale version is **41.9175, 44.1004, 48.0254**.

A 20% lighter version of the original color is **73.9222, 74.8633, 49.0820**, and **22.8047, 20.2335, 8.3337** is the 20% darker color. If you saturate the color by 10%, you get **44.2353, 39.0341, 16.1493**, and if you desaturate by 10%, it is **51.5109, 49.2937, 31.8050**.

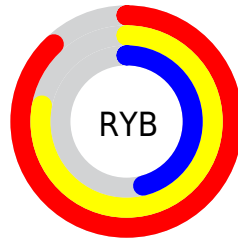
Distribution



Red (88%)

Green (64%)

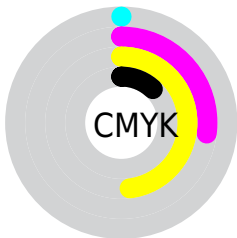
Blue (46%)



Red (88%)

Yellow (78%)

Blue (46%)

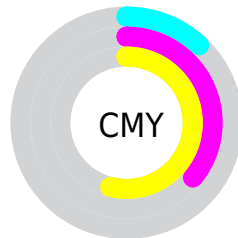


Cyan (0%)

Magenta (27%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5968, 43.8665, 23.0980 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 47.5968, 43.8665, 23.0980 by changing the saturation by 10% instead.


 47.5968, 43.8665,
23.0980

 47.5968, 43.8665,
23.0980


367.8010,
362.1632, 281.3662

 33.7176, 30.5656,
14.4599

 85.8171, 81.0168,
49.4794

 22.8386, 20.2683,
8.2988

 110.8889,
105.6350, 68.0598

 14.5944, 12.5902,
4.1963

 140.4224,
134.7944, 90.7914

 8.6197, 7.1470,
1.7336

174.7828,
168.8794, 118.0928

 4.5491, 3.5542,
0.3836

214.3355,
208.2744, 150.3824

 2.0172, 1.4274,
0.0000

259.4458,

 0.6436, 0.2368,

253.3637, 188.0788

0.0000

310.4792,
304.5319, 231.6005

■ 0.0000, 0.0000,
0.0000

■ 47.5968, 43.8665,
23.0980

■ 47.5968, 43.8665,
23.0980

■ 44.2353, 39.0341,
16.1493

■ 51.5109, 49.2937,
31.8050

■ 41.3933, 34.7673,
10.8327

■ 56.0017, 55.3308,
42.3794

■ 39.0385, 31.0435,
7.0091

■ 61.0955, 62.0000,
54.9241

■ 37.1328, 27.8353,
4.5143

■ 66.8160, 69.3205,
69.5341

■ 35.6267, 25.1102,
3.1270

■ 73.1855, 77.3105,
86.2978

■ 35.3019, 24.5089,
2.8701

■ 80.2251, 85.9875,
105.2986

■ 84.4757, 93.9765,
108.2947

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



52.8285, 43.8665, 31.4680



47.5968, 43.8665, 23.0980



41.2036, 43.8665, 20.7467

Triad

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



47.5968, 43.8665, 23.0980



30.6928, 43.8665, 49.1866



48.5340, 43.8665, 83.6206

Complementary

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



47.5968, 43.8665, 23.0980



37.1811, 41.5262, 77.2896

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.



42.1879, 43.8665, 91.6559



47.5968, 43.8665, 23.0980



32.2451, 43.8665, 68.8906

Square

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



47.5968, 43.8665, 23.0980



31.8322, 43.8665, 33.3530



36.3002, 43.8665, 85.6849



53.4070, 43.8665, 65.8208

Rectangle

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



47.5968, 43.8665, 23.0980



37.2469, 43.8665, 22.2614



36.3002, 43.8665, 85.6849



46.4813, 43.8665, 87.7306

Sweetspot

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



47.5979, 43.8686, 23.0989



83.6738, 85.6064, 79.3387



45.8106, 32.2771, 47.2188



17.5667, 17.8819, 16.1137



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.



47.5979, 43.8686, 23.0989



58.8154, 51.9381, 21.5773



58.8985, 66.4699, 26.8657



14.1894, 14.6648, 14.3895



20.4536, 14.3452, 1.6909



1.5053, 1.1695, 0.1464

Inverse Universe

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



37.1811, 41.5262, 77.2896



43.3979, 48.4344, 101.6692



28.6408, 24.4455, 74.4428



13.5973, 14.5338, 17.4763



12.4175, 12.3045, 42.7689



0.9491, 1.0297, 2.9940

Previews

White Background



This preview shows how the XYZ color 47.5968, 43.8665, 23.0980 looks on a white background.

Color Contrast Check

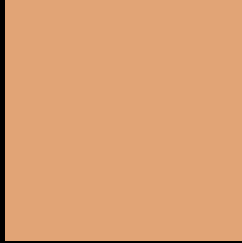
Large Text (above 18pt) WCAG AA × Fail

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 47.5968, 43.8665, 23.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

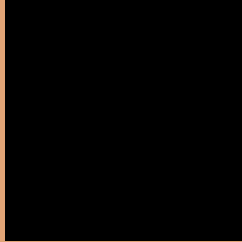
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5968, 43.8665, 23.0980

Background



This preview shows how black text looks on a background with the XYZ color 47.5968, 43.8665, 23.0980.



This preview shows how white text looks on a background with the XYZ color 47.5968, 43.8665,

23.0980.

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

47.5968, 43.8665, 23.0980

Protanopia

40.7831, 43.9507, 25.0727

Deuteranopia

44.8394, 43.8064, 22.9218



Tritanopia

51.5315, 43.6365, 43.2428

Trichromacy



Original Color

47.5968, 43.8665, 23.0980

Protanomaly

42.8323, 43.5820, 24.2438

Deuteranomaly

45.6449, 43.6735, 22.8537

Tritanomaly

50.0707, 43.8376, 34.6766

Monochromacy



Original Color

47.5968, 43.8665, 23.0980

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.0014, 43.3747, 37.5582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5968, 43.8665, 23.0980 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(225, 164, 118)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 118)  
}
```

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(225, 164, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 118) }
```

Border

The CSS property to change the border of an element to XYZ 47.5968, 43.8665, 23.0980 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(225, 164, 118) }
```


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

```
.border{ border-color:rgb(225, 164, 118) }
```

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

Here you see how a box with a 4 pixel rgb(225, 164, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 118);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5968, 43.8665, 23.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 118) }
```

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

```
.background{ background-color: rgb(225,  
164, 118) }
```

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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