

Converting Colors

XYZ(46.3370, 40.7494, 23.2527)

Have a look what the booklet for
XYZ(46.3370, 40.7494, 23.2527)
contains.

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Color

**XYZ(46.3098, 40.6360,
23.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	E29A78
RGB	226, 154, 120
RGB Percent	89%, 60%, 47%
CMY	0.1137, 0.3961, 0.5294
CMYK	0.00, 0.32, 0.47, 0.11
HSL	19°, 65%, 68%
HSV	19°, 47%, 89%
XYZ	46.3098, 40.6360, 23.1720
YIQ	171.6520, 53.8260, 4.6900

Conversions

Conversions Part 2

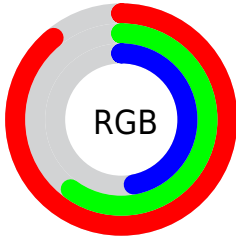
Format	Color
R _Y B	226, 170, 120
Decimal	14850680
CIE Lab	69.92, 23.10, 28.73
CIE LCh	70, 36.864, 51.203
Yxy	40.6360, 0.4205, 0.3690
Android (android.graphics.Color)	4293040760 (0xFFE29A78)
YUV	171.6520, -25.4644, 47.6632
Hunter-Lab	63.7464, 18.1187, 23.0704

Details

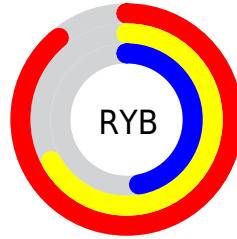
The XYZ color **46.3098, 40.6360, 23.1720** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.3219, 47.1813, 78.9331**, and the grayscale version is **39.1432, 41.1817, 44.8469**.

A 20% lighter version of the original color is **71.5833, 69.8781, 49.2501**, and **22.0372, 18.2825, 8.3286** is the 20% darker color. If you saturate the color by 10%, you get **42.7233, 35.4051, 15.9897**, and if you desaturate by 10%, it is **50.5460, 46.6483, 32.1685**.

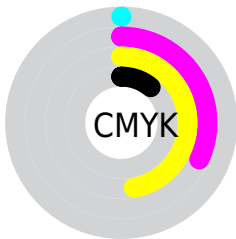
Distribution



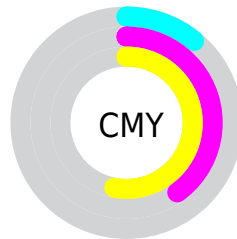
- Red (89%)
- Green (60%)
- Blue (47%)



- Red (89%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3098, 40.6360, 23.1720 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 46.3098, 40.6360, 23.1720 by changing the saturation by 10% instead.


 46.3098, 40.6360,
23.1720


 46.3098, 40.6360,
23.1720


362.7478,
348.7970, 281.7577


 32.6960, 28.0348,
14.5141


 83.9075, 76.1310,
49.6024

 22.0518, 18.3519,
8.3363


 108.6221, 99.7936,
68.2119

 14.0118, 11.2029,
4.2200


 137.7677,
127.9121, 90.9757

 8.2106, 6.2035,
1.7468

171.7096,
160.8709, 118.3123

 4.2829, 2.9692,
0.3925

210.8132,
199.0544, 150.6403

 1.8634, 1.1157,
0.0000

255.4439,

 0.5554, 0.0000,

242.8470, 188.3781

0.0000

305.9670,
292.6330, 231.9444

■ 0.0000, 0.0000,
0.0000

■ 46.3098, 40.6360,
23.1720

■ 46.3098, 40.6360,
23.1720

■ 42.7233, 35.4051,
15.9897

■ 50.5460, 46.6483,
32.1685

■ 39.7482, 30.9160,
10.4934

■ 55.4613, 53.4676,
43.0906

■ 37.3463, 27.1344,
6.5417

■ 61.0868, 61.1253,
56.0434

■ 35.4732, 24.0203,
3.9685

■ 67.4507, 69.6495,
71.1238

■ 34.0742, 21.5278,
2.5604

■ 74.5796, 79.0668,
88.4224

■ 33.7139, 20.8686,
2.2511

■ 82.4017, 89.3641,
107.5137

■ 85.1740, 94.9087,
108.4378

Harmonies

Analogous

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



50.4048, 40.6360, 33.3419



46.3098, 40.6360, 23.1720



40.4141, 40.6360, 18.9724

Triad

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



46.3098, 40.6360, 23.1720



28.3098, 40.6360, 39.3841



42.9468, 40.6360, 82.7379

Complementary

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



46.3098, 40.6360, 23.1720



40.3219, 47.1813, 78.9331

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.



36.8862, 40.6360, 85.5741



46.3098, 40.6360, 23.1720



28.8375, 40.6360, 57.3000

Square

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



46.3098, 40.6360, 23.1720



30.3136, 40.6360, 26.6089



31.8382, 40.6360, 75.3052



48.3277, 40.6360, 68.3363

Rectangle

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



46.3098, 40.6360, 23.1720



36.4255, 40.6360, 19.1097



31.8382, 40.6360, 75.3052



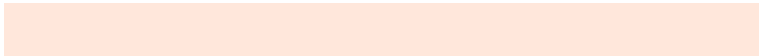
40.9078, 40.6360, 85.2006

Sweetspot

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



46.3108, 40.6380, 23.1728



82.5725, 83.4038, 78.9716



47.6432, 33.4270, 54.0624



17.2999, 17.3484, 16.0248



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.



46.3108, 40.6380, 23.1728



56.4045, 46.8917, 21.4658



56.9622, 61.9408, 26.7233



14.0644, 14.4148, 14.3478



19.3290, 12.0960, 1.3160



1.4188, 0.9966, 0.1176

Inverse Universe

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



40.3219, 47.1813, 78.9331



47.6045, 56.3717, 102.9796



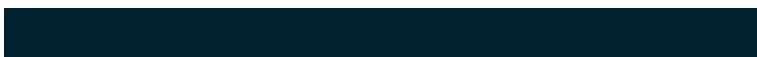
30.7690, 28.0754, 75.7488



13.7265, 14.7921, 17.5194



14.4886, 16.4467, 43.4593



1.0841, 1.2997, 3.0390

Previews

White Background



This preview shows how the XYZ color 46.3098, 40.6360, 23.1720 looks on a white background.

Color Contrast Check

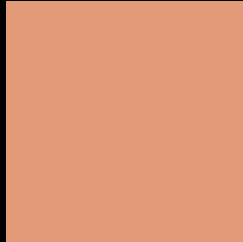
Large Text (above 18pt) WCAG AA × Fail

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 46.3098, 40.6360, 23.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

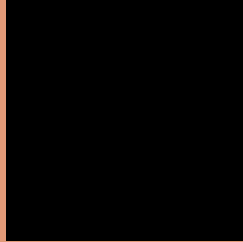
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3098, 40.6360, 23.1720

Background



This preview shows how black text looks on a background with the XYZ color 46.3098, 40.6360, 23.1720.



This preview shows how white text looks on a background with the XYZ color 46.3098, 40.6360,

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

46.3098, 40.6360, 23.1720

Protanopia

38.1608, 40.8485, 25.9519

Deuteranopia

41.4473, 40.6963, 22.8102



Tritanopia

49.4057, 40.6910, 38.5079

Trichromacy



Original Color

46.3098, 40.6360, 23.1720

Protanomaly

40.6464, 40.5076, 24.7452

Deuteranomaly

43.0520, 40.4706, 22.9953

Tritanomaly

48.1724, 40.6715, 32.0995

Monochromacy



Original Color

46.3098, 40.6360, 23.1720

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.9431, 40.4166, 35.7802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3098, 40.6360, 23.1720 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, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 120)  
}
```

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, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 120) }
```

Border

The CSS property to change the border of an element to XYZ 46.3098, 40.6360, 23.1720 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, 154, 120) }
```


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

```
.border{ border-color:rgb(226, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3098, 40.6360, 23.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 120) }
```

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

```
.background{ background-color: rgb(226,  
154, 120) }
```

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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