

Converting Colors

XYZ(47.0616, 40.8204, 21.3183)

Have a look what the booklet for
XYZ(47.0616, 40.8204, 21.3183)
contains.

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Color

**XYZ(47.0616, 40.8204,
21.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	E69972
RGB	230, 153, 114
RGB Percent	90%, 60%, 45%
CMY	0.0980, 0.4000, 0.5529
CMYK	0.00, 0.33, 0.50, 0.10
HSL	20°, 70%, 67%
HSV	20°, 50%, 90%
XYZ	47.0616, 40.8204, 21.3183
YIQ	171.5770, 58.4110, 4.1950

Conversions

Conversions Part 2

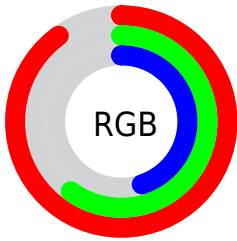
Format	Color
R_{YB}	230, 173, 114
Decimal	15112562
CIE _{Lab}	70.05, 24.66, 32.23
CIE _{LCh}	70, 40.577, 52.582
Yxy	40.8204, 0.4310, 0.3738
Android (android.graphics.Color)	4293302642 (0xFFE69972)
YUV	171.5770, -28.3855, 51.2370
Hunter-Lab	63.8908, 19.6730, 24.9404

Details

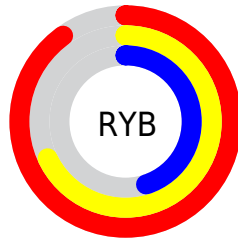
The XYZ color **47.0616, 40.8204, 21.3183** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.8521, 46.5499, 81.7471**, and the grayscale version is **39.1181, 41.1552, 44.8181**.

A 20% lighter version of the original color is **70.6788, 69.1249, 45.6937**, and **22.4024, 18.3469, 7.3616** is the 20% darker color. If you saturate the color by 10%, you get **43.5726, 35.6808, 14.4884**, and if you desaturate by 10%, it is **51.2014, 46.7351, 29.9896**.

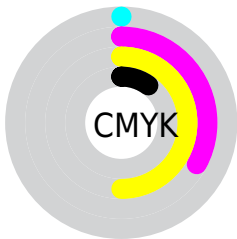
Distribution



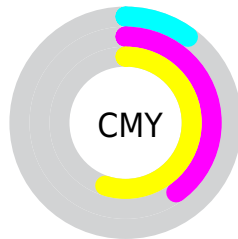
- Red (90%)
- Green (60%)
- Blue (45%)



- Red (90%)
- Yellow (68%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (50%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0616, 40.8204, 21.3183 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 47.0616, 40.8204, 21.3183 by changing the saturation by 10% instead.

47.0616, 40.8204,
21.3183

47.0616, 40.8204,
21.3183

365.7052,
349.5694, 271.8017

33.2925, 28.1788,
13.1634

85.0237, 76.4112,
46.5043

22.5109, 18.4605,
7.4091

109.9475,
100.1291, 64.3725

14.3515, 11.2811,
3.6369

139.3202,
128.3080, 86.3155

8.4489, 6.2562,
1.4284

173.5072,
161.3321, 112.7518

4.4377, 3.0015,
0.1637

212.8738,
199.5859, 144.1001

1.9526, 1.1325,
0.0000

257.7855,

0.6071, 0.0055,

243.4538, 180.7788

0.0000

308.6075,
293.3202, 223.2065

■ 0.0000, 0.0000,
0.0000

■ 47.0616, 40.8204,
21.3183

■ 47.0616, 40.8204,
21.3183

■ 43.5726, 35.6808,
14.4884

■ 51.2014, 46.7351,
29.9896

■ 40.6943, 31.2761,
9.3612

■ 56.0231, 53.4506,
40.6226

■ 38.3861, 27.5712,
5.7814

■ 61.5589, 60.9989,
53.3299

■ 36.5999, 24.5251,
3.5639

■ 67.8382, 69.4082,
68.2150

■ 35.3106, 22.1782,
2.4197

■ 74.8886, 78.7054,
85.3743

■ 82.7363, 88.9161,
104.8983

■ 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



51.7837, 40.8204, 31.8615



47.0616, 40.8204, 21.3183



40.4658, 40.8204, 17.2044

Triad

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



47.0616, 40.8204, 21.3183



27.4917, 40.8204, 39.9026



43.8968, 40.8204, 87.3381

Complementary

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



47.0616, 40.8204, 21.3183



39.8521, 46.5499, 81.7471

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.



37.1777, 40.8204, 91.3045



47.0616, 40.8204, 21.3183



28.1888, 40.8204, 59.9731

Square

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



47.0616, 40.8204, 21.3183



29.5384, 40.8204, 25.7659



31.5642, 40.8204, 80.1580



49.8163, 40.8204, 70.4921

Rectangle

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



47.0616, 40.8204, 21.3183



36.0902, 40.8204, 17.5093



31.5642, 40.8204, 80.1580



41.6391, 40.8204, 90.3855

Sweetspot

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



47.0626, 40.8224, 21.3191



81.9208, 82.6345, 77.1077



48.0912, 32.6342, 53.2472



17.1775, 17.2086, 15.6599



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.



47.0626, 40.8224, 21.3191



54.7021, 44.5464, 17.6327



58.8818, 64.4608, 25.2588



14.7710, 15.1560, 15.0513



20.0920, 12.7582, 1.4036



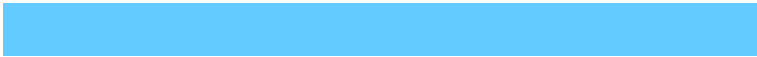
1.5680, 1.1093, 0.1315

Inverse Universe

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



39.8521, 46.5499, 81.7471



44.5290, 52.4662, 102.3878



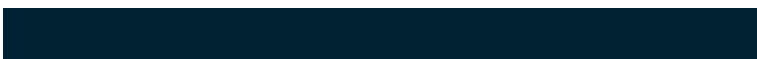
29.6559, 26.1574, 78.3484



14.3779, 15.4771, 18.3739



14.6211, 16.3043, 44.7596



1.1653, 1.3746, 3.3359

Previews

White Background



This preview shows how the XYZ color 47.0616, 40.8204, 21.3183 looks on a white background.

Color Contrast Check

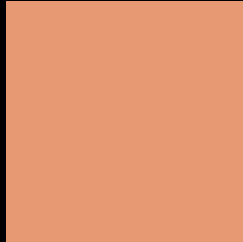
Large Text (above 18pt) WCAG AA × Fail

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 47.0616, 40.8204, 21.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

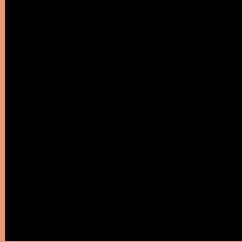
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0616, 40.8204, 21.3183

Background



This preview shows how black text looks on a background with the XYZ color 47.0616, 40.8204, 21.3183.



This preview shows how white text looks on a background with the XYZ color 47.0616, 40.8204,

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

47.0616, 40.8204, 21.3183

Protanopia

38.0833, 40.8452, 24.2891

Deuteranopia

41.6537, 40.8426, 21.0173



Tritanopia

50.5370, 40.8285, 37.5648

Trichromacy



Original Color

47.0616, 40.8204, 21.3183

Protanomaly

40.6926, 40.3003, 23.0868

Deuteranomaly

43.5758, 40.7809, 21.1976

Tritanomaly

49.2342, 40.7715, 30.8660

Monochromacy



Original Color

47.0616, 40.8204, 21.3183

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.0334, 40.4821, 34.9293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0616, 40.8204, 21.3183 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(230, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 114)  
}
```

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(230, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 114) }
```

Border

The CSS property to change the border of an element to XYZ 47.0616, 40.8204, 21.3183 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(230, 153, 114) }
```


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

```
.border{ border-color:rgb(230, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0616, 40.8204, 21.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 153, 114) }
```

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

```
.background{ background-color: rgb(230,  
153, 114) }
```

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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