

Converting Colors

XYZ(47.7144, 41.0399, 25.6585)

Have a look what the booklet for
XYZ(47.7144, 41.0399, 25.6585)
contains.

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Color

**XYZ(47.9206, 41.1640,
25.8418)**

Conversions

Conversions Part 1

Format	Color
Hex	E69980
RGB	230, 153, 128
RGB Percent	90%, 60%, 50%
CMY	0.0980, 0.4000, 0.4980
CMYK	0.00, 0.33, 0.44, 0.10
HSL	15°, 67%, 70%
HSV	15°, 44%, 90%
XYZ	47.9206, 41.1640, 25.8418
YIQ	173.1730, 53.9170, 8.5490

Conversions

Conversions Part 2

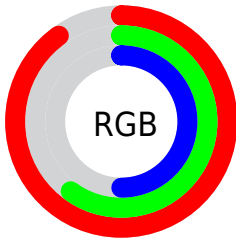
Format	Color
R _Y B	230, 161, 128
Decimal	15112576
CIE Lab	70.29, 26.01, 24.95
CIE LCh	70, 36.042, 43.808
Yxy	41.1640, 0.4170, 0.3582
Android (android.graphics.Color)	4293302656 (0xFFE69980)
YUV	173.1730, -22.2703, 49.8373
Hunter-Lab	64.1592, 21.0434, 21.0308

Details

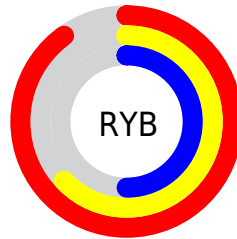
The XYZ color **47.9206, 41.1640, 25.8418** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.0151, 53.9624, 82.9058**, and the grayscale version is **39.9005, 41.9785, 45.7146**.

A 20% lighter version of the original color is **72.1364, 69.7079, 53.3690**, and **23.0782, 18.6425, 9.7791** is the 20% darker color. If you saturate the color by 10%, you get **43.9371, 35.3513, 17.8727**, and if you desaturate by 10%, it is **52.6628, 47.9449, 35.7573**.

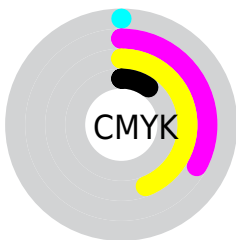
Distribution



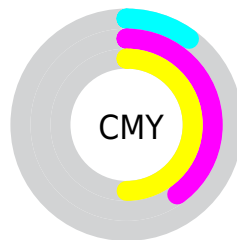
- Red (90%)
- Green (60%)
- Blue (50%)



- Red (90%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9206, 41.1640, 25.8418 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 47.9206, 41.1640, 25.8418 by changing the saturation by 10% instead.


 47.9206, 41.1640,
25.8418


 47.9206, 41.1640,
25.8418


369.0652,
351.0056, 295.5853

 33.9750, 28.4473,
16.4806


 86.2966, 76.9328,
54.0006

 23.0372, 18.6631,
9.7069


 111.4577,
100.7536, 73.6352

 14.7418, 11.4271,
5.1020

 141.0880,
129.0446, 97.5315

 8.7235, 6.3549,
2.2474

175.5529,
162.1901, 126.1079

 4.6169, 3.0620,
0.7015

215.2177,
200.5746, 159.7829

 2.0567, 1.1642,
0.0000

260.4477,

 0.6655, 0.0322,

244.5824, 198.9751

0.0000

311.6085,
294.5979, 244.1031

■ 0.0000, 0.0000,
0.0000

■ 47.9206, 41.1640,
25.8418

■ 47.9206, 41.1640,
25.8418

■ 43.9371, 35.3513,
17.8727

■ 52.6628, 47.9449,
35.7573

■ 40.6679, 30.4559,
11.7180

■ 58.1985, 55.7299,
47.7345

■ 38.0686, 26.4309,
7.2331

■ 64.5642, 64.5603,
61.8825

■ 36.0878, 23.2229,
4.2496

■ 71.7930, 74.4734,
78.3018

■ 34.6655, 20.7717,
2.5631

■ 79.9161, 85.5046,
97.0869

■ 34.0659, 19.6887,
2.0048

■ 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.



51.2422, 41.1640, 37.4873



47.9206, 41.1640, 25.8418



42.3833, 41.1640, 20.2522

Triad

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



47.9206, 41.1640, 25.8418



29.1875, 41.1640, 36.3369



41.9029, 41.1640, 84.4780

Complementary

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



47.9206, 41.1640, 25.8418



45.0151, 53.9624, 82.9058

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.



36.0384, 41.1640, 83.9438



47.9206, 41.1640, 25.8418



29.0868, 41.1640, 53.0529

Square

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



47.9206, 41.1640, 25.8418



31.7681, 41.1640, 25.1835



31.4777, 41.1640, 71.3621



47.5385, 41.1640, 72.6771

Rectangle

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



47.9206, 41.1640, 25.8418



38.3747, 41.1640, 19.5421



31.4777, 41.1640, 71.3621



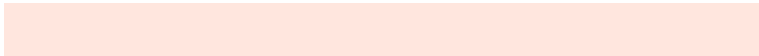
39.8853, 41.1640, 85.8116

Sweetspot

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



47.9216, 41.1660, 25.8426



82.6951, 83.1066, 80.6846



51.5172, 36.7276, 62.8938



17.2915, 17.2248, 16.3509



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.



47.9216, 41.1660, 25.8426



56.0094, 45.3891, 23.5306



57.8381, 60.9990, 29.1481



14.6625, 14.9390, 15.0152



19.3668, 11.3077, 1.1619



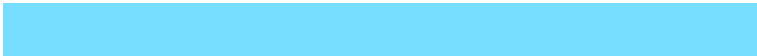
1.5029, 0.9791, 0.1098

Inverse Universe

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



45.0151, 53.9624, 82.9058



51.8611, 63.3746, 104.1069



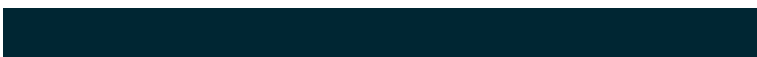
34.9399, 33.8120, 79.5474



14.4925, 15.7063, 18.4121



16.7140, 20.4900, 45.4572



1.3067, 1.6573, 3.3830

Previews

White Background



This preview shows how the XYZ color 47.9206, 41.1640, 25.8418 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 47.9206, 41.1640, 25.8418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

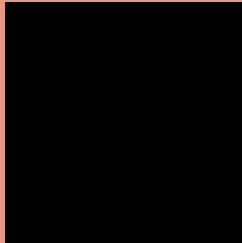
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9206, 41.1640, 25.8418

Background



This preview shows how black text looks on a background with the XYZ color 47.9206, 41.1640, 25.8418.



This preview shows how white text looks on a background with the XYZ color 47.9206, 41.1640,

25.8418.

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

47.9206, 41.1640, 25.8418

Protanopia

38.7963, 41.3785, 29.6090

Deuteranopia

42.1229, 41.2540, 25.4814



Tritanopia

50.6969, 41.3566, 38.5683

Trichromacy



Original Color

47.9206, 41.1640, 25.8418

Protanomaly

41.5776, 40.9109, 28.2595

Deuteranomaly

44.0162, 41.1682, 25.7050

Tritanomaly

49.5304, 41.1066, 33.3408

Monochromacy



Original Color

47.9206, 41.1640, 25.8418

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9702, 41.1761, 37.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9206, 41.1640, 25.8418 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 128) }
```

Border

The CSS property to change the border of an element to XYZ 47.9206, 41.1640, 25.8418 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, 128) }
```


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

```
.border{ border-color:rgb(230, 153, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9206, 41.1640, 25.8418 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, 128) }
```

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

```
.background{ background-color: rgb(230,  
153, 128) }
```

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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