

Converting Colors

XYZ(48.5155, 40.8130, 26.2465)

Have a look what the booklet for
XYZ(48.5155, 40.8130, 26.2465)
contains.

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Color

**XYZ(48.4731, 40.7213,
26.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	E99681
RGB	233, 150, 129
RGB Percent	91%, 59%, 51%
CMY	0.0863, 0.4117, 0.4941
CMYK	0.00, 0.36, 0.45, 0.09
HSL	12°, 70%, 71%
HSV	12°, 45%, 91%
XYZ	48.4731, 40.7213, 26.0741
YIQ	172.4230, 56.2090, 11.0650

Conversions

Conversions Part 2

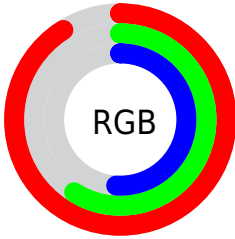
Format	Color
R _Y B	233, 155, 129
Decimal	15308417
CIE Lab	69.98, 28.87, 24.04
CIE LCh	70, 37.573, 39.787
Yxy	40.7213, 0.4205, 0.3533
Android (android.graphics.Color)	4293498497 (0xFFE99681)
YUV	172.4230, -21.4075, 53.1260
Hunter-Lab	63.8132, 23.9170, 20.4434

Details

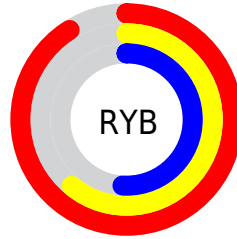
The XYZ color **48.4731, 40.7213, 26.0741** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **47.3037, 57.6349, 85.7222**, and the grayscale version is **39.5132, 41.5710, 45.2708**.

A 20% lighter version of the original color is **71.5148, 68.3000, 53.6700**, and **23.2712, 18.3132, 9.8977** is the 20% darker color. If you saturate the color by 10%, you get **44.3620, 34.7016, 17.9143**, and if you desaturate by 10%, it is **53.4102, 47.8279, 36.2520**.

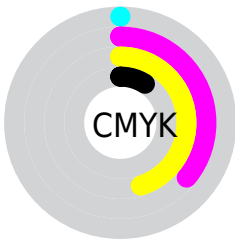
Distribution



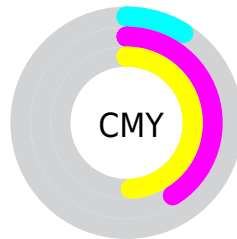
- Red (91%)
- Green (59%)
- Blue (51%)



- Red (91%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4731, 40.7213, 26.0741 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 48.4731, 40.7213, 26.0741 by changing the saturation by 10% instead.


 48.4731, 40.7213,
26.0741

 48.4731, 40.7213,
26.0741


371.2158,
349.1544, 296.7627


 34.4145, 28.1014,
16.6528


 87.1138, 76.2606,
54.3800

 23.3766, 18.4021,
9.8279


 112.4267, 99.9488,
74.1017

 14.9941, 11.2391,
5.1809


 142.2216,
128.0953, 98.0940

 8.9015, 6.2279,
2.2932

176.8641,
161.0843, 126.7754

 4.7336, 2.9841,
0.7274

216.7194,
199.3003, 160.5644

 2.1250, 1.1235,
0.0000

262.1528,

 0.7027, 0.0000,

243.1278, 199.8796

0.0000

313.5299,
292.9510, 245.1395

■ 0.0000, 0.0000,
0.0000

■ 48.4731, 40.7213,
26.0741

■ 48.4731, 40.7213,
26.0741

■ 44.3620, 34.7016,
17.9143

■ 53.4102, 47.8279,
36.2520

■ 41.0274, 29.7087,
11.6349

■ 59.2129, 56.0656,
48.5687

■ 38.4190, 25.6858,
7.0844

■ 65.9220, 65.4833,
63.1379

■ 36.4787, 22.5678,
4.0866

■ 73.5746, 76.1254,
80.0647

■ 35.1386, 20.2812,
2.4268

■ 82.2059, 88.0339,
99.4476

■ 34.6231, 19.3614,
1.9123

■ 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



51.5024, 40.7213, 38.8509



48.4731, 40.7213, 26.0741



42.9157, 40.7213, 19.6295

Triad

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



48.4731, 40.7213, 26.0741



28.6752, 40.7213, 33.6806



40.7402, 40.7213, 86.5501

Complementary

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



48.4731, 40.7213, 26.0741



47.3037, 57.6349, 85.7222

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.



34.7780, 40.7213, 84.0972



48.4731, 40.7213, 26.0741



28.2243, 40.7213, 50.3200

Square

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



48.4731, 40.7213, 26.0741



31.6493, 40.7213, 23.1503



30.3451, 40.7213, 69.6017



46.7369, 40.7213, 75.6179

Rectangle

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



48.4731, 40.7213, 26.0741



38.7481, 40.7213, 18.4482



30.3451, 40.7213, 69.6017



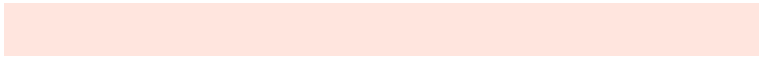
38.6607, 40.7213, 87.3184

Sweetspot

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



48.4741, 40.7233, 26.0749



82.2984, 82.3132, 80.5523



53.3636, 37.7881, 66.9011



17.1947, 17.0312, 16.3186



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.



48.4741, 40.7233, 26.0749



54.6110, 42.8363, 22.3122



58.6405, 61.0561, 29.4637



15.3118, 15.5467, 15.7125



19.7160, 11.1262, 1.1084



1.6148, 1.0070, 0.1093

Inverse Universe

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



47.3037, 57.6349, 85.7222



52.9471, 66.0640, 104.5688



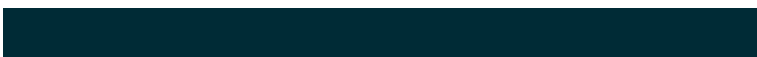
36.3671, 35.7618, 82.0767



15.2443, 16.5750, 19.3181



18.3922, 23.4314, 47.2963



1.5096, 1.9706, 3.7357

Previews

White Background



This preview shows how the XYZ color 48.4731, 40.7213, 26.0741 looks on a white background.

Color Contrast Check

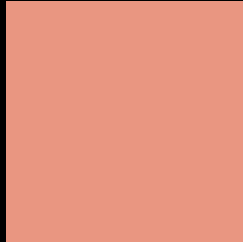
Large Text (above 18pt) WCAG AA × Fail

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 48.4731, 40.7213, 26.0741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

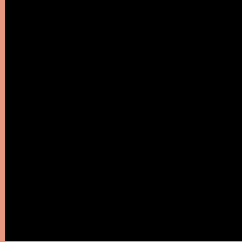
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4731, 40.7213, 26.0741

Background



This preview shows how black text looks on a background with the XYZ color 48.4731, 40.7213, 26.0741.



This preview shows how white text looks on a background with the XYZ color 48.4731, 40.7213,

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

48.4731, 40.7213, 26.0741

Protanopia

38.5145, 40.9350, 30.2974

Deuteranopia

41.6700, 40.7538, 25.4087



Tritanopia

50.6256, 40.6543, 37.0771

Trichromacy



Original Color

48.4731, 40.7213, 26.0741

Protanomaly

41.5578, 40.3612, 28.5218

Deuteranomaly

43.9605, 40.6247, 25.6031

Tritanomaly

49.6319, 40.4664, 32.7987

Monochromacy



Original Color

48.4731, 40.7213, 26.0741

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.5243, 40.4206, 37.0659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4731, 40.7213, 26.0741 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(233, 150, 129)` looks like.

```
.text, #text, p{  
    color:rgb(233, 150, 129)  
}
```

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(233, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 150, 129) }
```

Border

The CSS property to change the border of an element to XYZ 48.4731, 40.7213, 26.0741 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(233, 150, 129) }
```


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

```
.border{ border-color:rgb(233, 150, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(233, 150,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4731, 40.7213, 26.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 150, 129) }
```

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

```
.background{ background-color: rgb(233,  
150, 129) }
```

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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