

Converting Colors

XYZ(48.1871, 42.5796, 25.9452)

Have a look what the booklet for
XYZ(48.1871, 42.5796, 25.9452)
contains.

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Color

**XYZ(48.1181, 42.5062,
26.0905)**

Conversions

Conversions Part 1

Format	Color
Hex	E49E80
RGB	228, 158, 128
RGB Percent	89%, 62%, 50%
CMY	0.1059, 0.3804, 0.4980
CMYK	0.00, 0.31, 0.44, 0.11
HSL	18°, 65%, 70%
HSV	18°, 44%, 89%
XYZ	48.1181, 42.5062, 26.0905
YIQ	175.5100, 51.3500, 5.5100

Conversions

Conversions Part 2

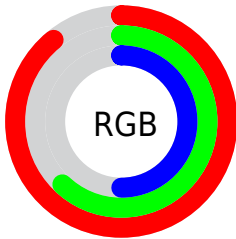
Format	Color
R _Y B	228, 171, 128
Decimal	14982784
CIE Lab	71.22, 22.56, 26.15
CIE LCh	71, 34.537, 49.223
Yxy	42.5062, 0.4123, 0.3642
Android (android.graphics.Color)	4293172864 (0xFFE49E80)
YUV	175.5100, -23.4224, 46.0337
Hunter-Lab	65.1968, 17.6465, 21.9110

Details

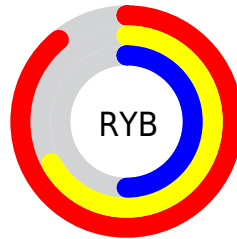
The XYZ color **48.1181, 42.5062, 26.0905** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.0990, 50.5769, 80.8896**, and the grayscale version is **41.1120, 43.2530, 47.1026**.

A 20% lighter version of the original color is **73.3747, 72.1847, 53.7818**, and **23.1067, 19.4042, 9.7352** is the 20% darker color. If you saturate the color by 10%, you get **44.2351, 36.8781, 18.2057**, and if you desaturate by 10%, it is **52.6940, 48.9804, 35.8706**.

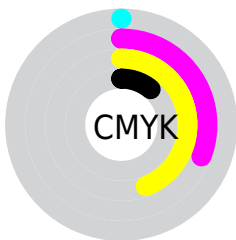
Distribution



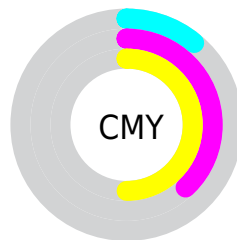
- Red (89%)
- Green (62%)
- Blue (50%)



- Red (89%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1181, 42.5062, 26.0905 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 48.1181, 42.5062, 26.0905 by changing the saturation by 10% instead.


 48.1181, 42.5062,
26.0905


 48.1181, 42.5062,
26.0905


369.8349,
356.5771, 296.8457

 34.1321, 29.4979,
16.6650


 86.5888, 78.9652,
54.4068

 23.1584, 19.4578,
9.8365


 111.8043,
103.1846, 74.1346

 14.8319, 12.0015,
5.1865


 141.4935,
131.9098, 98.1337

 8.7870, 6.7447,
2.2965

176.0220,
165.5253, 126.8224

 4.6585, 3.3030,
0.7292

215.7550,
204.4153, 160.6195

 2.0810, 1.2919,
0.0000

261.0579,

 0.6789, 0.1349,

248.9644, 199.9433

0.0000

312.2961,
299.5568, 245.2126

■ 0.0000, 0.0000,
0.0000

■ 48.1181, 42.5062,
26.0905

■ 48.1181, 42.5062,
26.0905

■ 44.2351, 36.8781,
18.2057

■ 52.6940, 48.9804,
35.8706

■ 41.0054, 32.0536,
12.0887

■ 57.9930, 56.3283,
47.6569

■ 38.3899, 27.9958,
7.6003

■ 64.0475, 64.5839,
61.5547

■ 36.3436, 24.6621,
4.5787

■ 70.8868, 73.7775,
77.6613

■ 34.8136, 22.0046,
2.8279

■ 78.5386, 83.9378,
96.0677

■ 34.0870, 20.6781,
2.1947

■ 85.4104, 94.4449,
108.3358

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



51.8530, 42.5062, 36.5568



48.1181, 42.5062, 26.0905



42.5189, 42.5062, 21.4921

Triad

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



48.1181, 42.5062, 26.0905



30.4201, 42.5062, 40.5716



44.1789, 42.5062, 83.3945

Complementary

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



48.1181, 42.5062, 26.0905



43.0990, 50.5769, 80.8896

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.



38.3544, 42.5062, 85.2073



48.1181, 42.5062, 26.0905



30.7728, 42.5062, 57.5951

Square

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



48.1181, 42.5062, 26.0905



32.5421, 42.5062, 28.4229



33.5563, 42.5062, 74.8730



49.4327, 42.5062, 70.3892

Rectangle

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



48.1181, 42.5062, 26.0905



38.6424, 42.5062, 21.4022



33.5563, 42.5062, 74.8730



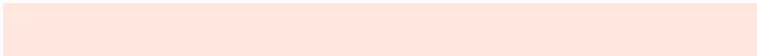
42.2119, 42.5062, 85.4332

Sweetspot

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



48.1192, 42.5083, 26.0913



83.2041, 84.1247, 80.8542



49.9074, 36.0099, 57.7466



17.4160, 17.4738, 16.3924



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.



48.1192, 42.5083, 26.0913



57.2616, 47.8935, 23.9480



58.4473, 63.1644, 29.5340



14.7278, 15.0694, 15.0369



19.7738, 12.1217, 1.2975



1.5404, 1.0541, 0.1223

Inverse Universe

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



43.0990, 50.5769, 80.8896



49.9351, 59.5228, 103.4649



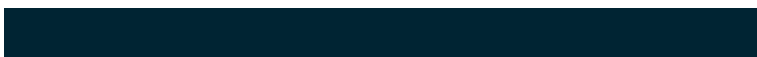
33.4960, 31.3709, 77.6886



14.4232, 15.5679, 18.3890



15.4124, 17.8868, 45.0234



1.2193, 1.4825, 3.3539

Previews

White Background



This preview shows how the XYZ color 48.1181, 42.5062, 26.0905 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 48.1181, 42.5062, 26.0905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

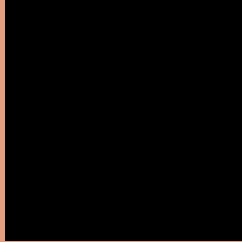
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1181, 42.5062, 26.0905

Background



This preview shows how black text looks on a background with the XYZ color 48.1181, 42.5062, 26.0905.



This preview shows how white text looks on a background with the XYZ color 48.1181, 42.5062,

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

48.1181, 42.5062, 26.0905

Protanopia

39.7589, 42.4605, 29.0218

Deuteranopia

43.3167, 42.4092, 25.6414



Tritanopia

51.1378, 42.4880, 41.1031

Trichromacy



Original Color

48.1181, 42.5062, 26.0905

Protanomaly

42.2549, 42.0887, 27.7267

Deuteranomaly

45.1306, 42.5303, 25.9092

Tritanomaly

50.0220, 42.5327, 35.2789

Monochromacy



Original Color

48.1181, 42.5062, 26.0905

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.9517, 42.4812, 38.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1181, 42.5062, 26.0905 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(228, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 158, 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(228, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 158, 128) }
```

Border

The CSS property to change the border of an element to XYZ 48.1181, 42.5062, 26.0905 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(228, 158, 128) }
```


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

```
.border{ border-color:rgb(228, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 158,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1181, 42.5062, 26.0905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 158, 128) }
```

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

```
.background{ background-color: rgb(228,  
158, 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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