

Converting Colors

XYZ(47.0130, 42.2364, 23.7394)

Have a look what the booklet for
XYZ(47.0130, 42.2364, 23.7394)
contains.

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Color

**XYZ(46.9007, 42.1843,
23.7596)**

Conversions

Conversions Part 1

Format	Color
Hex	E19F79
RGB	225, 159, 121
RGB Percent	88%, 62%, 47%
CMY	0.1176, 0.3764, 0.5255
CMYK	0.00, 0.29, 0.46, 0.12
HSL	22°, 63%, 68%
HSV	22°, 46%, 88%
XYZ	46.9007, 42.1843, 23.7596
YIQ	174.4020, 51.5340, 2.1740

Conversions

Conversions Part 2

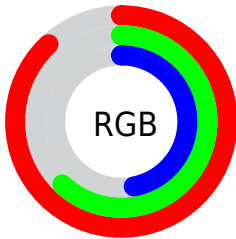
Format	Color
R_{YB}	225, 181, 121
Decimal	14786425
CIE _{Lab}	71.00, 20.12, 29.59
CIE _{LCh}	71, 35.780, 55.786
Yxy	42.1843, 0.4156, 0.3738
Android (android.graphics.Color)	4292976505 (0xFFE19F79)
YUV	174.4020, -26.3272, 44.3744
Hunter-Lab	64.9494, 15.2353, 23.7753

Details

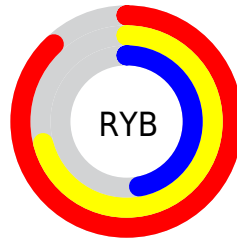
The XYZ color **46.9007, 42.1843, 23.7596** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.2453, 45.0400, 77.8593**, and the grayscale version is **40.5526, 42.6645, 46.4616**.

A 20% lighter version of the original color is **72.9265, 72.4091, 50.1771**, and **22.3637, 19.1988, 8.6579** is the 20% darker color. If you saturate the color by 10%, you get **43.3636, 37.0667, 16.5489**, and if you desaturate by 10%, it is **51.0453, 48.0020, 32.7612**.

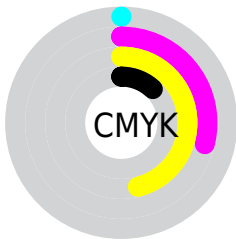
Distribution



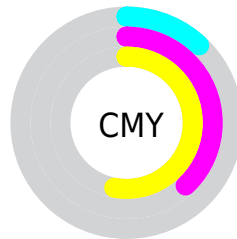
- Red (88%)
- Green (62%)
- Blue (47%)



- Red (88%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (46%)
- Black (12%)




- Cyan (12%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9007, 42.1843, 23.7596 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 46.9007, 42.1843, 23.7596 by changing the saturation by 10% instead.


 46.9007, 42.1843,
23.7596

 46.9007, 42.1843,
23.7596


365.0736,
355.2464, 284.8501

 33.1648, 29.2456,
14.9448

 84.7850, 78.4785,
50.5765

 22.4125, 19.2667,
8.6345


 109.6641,
102.6028, 69.4158

 14.2786, 11.8632,
4.4100


 138.9884,
131.2244, 92.4336

 8.3977, 6.6506,
1.8529

173.1230,
164.7278, 120.0485

 4.4044, 3.2445,
0.4625

212.4336,
203.4972, 152.6791

 1.9334, 1.2607,
0.0000

257.2852,

 0.5961, 0.1105,

247.9172, 190.7439

0.0000

308.0435,
298.3722, 234.6614

■ 0.0000, 0.0000,
0.0000

■ 46.9007, 42.1843,
23.7596

■ 46.9007, 42.1843,
23.7596

■ 43.3636, 37.0667,
16.5489

■ 51.0453, 48.0020,
32.7612

■ 40.3985, 32.6147,
11.0038

■ 55.8240, 54.5401,
43.6621

■ 37.9708, 28.7998,
6.9866

■ 61.2654, 61.8257,
56.5654

■ 36.0397, 25.5886,
4.3360

■ 67.3952, 69.8824,
71.5655

■ 34.5563, 22.9429,
2.8512

■ 74.2378, 78.7330,
88.7511

■ 34.0854, 22.0757,
2.4645

■ 81.6547, 88.3343,
107.3543

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



51.3424, 42.1843, 33.0654



46.9007, 42.1843, 23.7596



40.9442, 42.1843, 20.3309

Triad

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



46.9007, 42.1843, 23.7596



29.7035, 42.1843, 43.5583



45.2976, 42.1843, 82.3399

Complementary

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



46.9007, 42.1843, 23.7596



39.2453, 45.0400, 77.8593

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.



39.2575, 42.1843, 87.1287



46.9007, 42.1843, 23.7596



30.6231, 42.1843, 61.7651

Square

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



46.9007, 42.1843, 23.7596



31.3332, 42.1843, 29.8177



33.9816, 42.1843, 78.8268



50.3543, 42.1843, 67.0033

Rectangle

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



46.9007, 42.1843, 23.7596



37.0530, 42.1843, 21.0067



33.9816, 42.1843, 78.8268



43.2989, 42.1843, 85.3770

Sweetspot

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



46.9017, 42.1864, 23.7604



83.0198, 84.2985, 79.1207



47.0309, 33.3394, 51.8734



17.4082, 17.5648, 16.0608



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.



46.9017, 42.1864, 23.7604



57.9567, 49.7652, 22.6953



57.4014, 63.1856, 27.2603



14.1153, 14.5166, 14.3648



19.7434, 12.9248, 1.4541



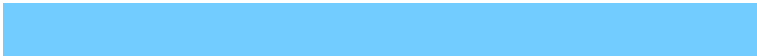
1.4518, 1.0625, 0.1286

Inverse Universe

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



39.2453, 45.0400, 77.8593



46.6204, 53.9140, 102.5570



30.3650, 27.2794, 74.8992



13.6735, 14.6861, 17.5017



13.5874, 14.6443, 43.1589



1.0262, 1.1838, 3.0197

Previews

White Background



This preview shows how the XYZ color 46.9007, 42.1843, 23.7596 looks on a white background.

Color Contrast Check

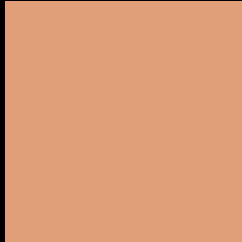
Large Text (above 18pt) WCAG AA × Fail

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 46.9007, 42.1843, 23.7596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

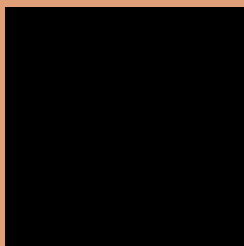
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9007, 42.1843, 23.7596

Background



This preview shows how black text looks on a background with the XYZ color 46.9007, 42.1843, 23.7596.



This preview shows how white text looks on a background with the XYZ color 46.9007, 42.1843,

23.7596.

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

46.9007, 42.1843, 23.7596

Protanopia

39.4603, 42.3692, 26.1770

Deuteranopia

43.1609, 42.3792, 23.3579



Tritanopia

50.4959, 42.1571, 41.0730

Trichromacy



Original Color

46.9007, 42.1843, 23.7596

Protanomaly

41.9770, 42.2741, 25.3493

Deuteranomaly

44.3972, 42.2031, 23.5753

Tritanomaly

49.1411, 42.1066, 33.9711

Monochromacy



Original Color

46.9007, 42.1843, 23.7596

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.0967, 42.0799, 36.9139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9007, 42.1843, 23.7596 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(225, 159, 121)` looks like.

```
.text, #text, p{  
    color:rgb(225, 159, 121)  
}
```

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(225, 159, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 159, 121) }
```

Border

The CSS property to change the border of an element to XYZ 46.9007, 42.1843, 23.7596 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(225, 159, 121) }
```


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

```
.border{ border-color:rgb(225, 159, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 159, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 159, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 159, 121);  
box-shadow:4px 4px 4px 4px rgb(225, 159,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9007, 42.1843, 23.7596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 159, 121) }
```

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

```
.background{ background-color: rgb(225,  
159, 121) }
```

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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