

Converting Colors

XYZ(48.2630, 44.1570, 27.0153)

Have a look what the booklet for
XYZ(48.2630, 44.1570, 27.0153)
contains.

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Color

**XYZ(48.3561, 44.1702,
27.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A482
RGB	225, 164, 130
RGB Percent	88%, 64%, 51%
CMY	0.1176, 0.3568, 0.4902
CMYK	0.00, 0.27, 0.42, 0.12
HSL	21°, 61%, 70%
HSV	21°, 42%, 88%
XYZ	48.3561, 44.1702, 27.0961
YIQ	178.3630, 47.2700, 2.3580

Conversions

Conversions Part 2

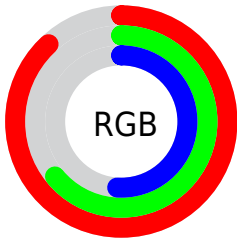
Format	Color
R _Y B	225, 183, 130
Decimal	14787714
CIE Lab	72.34, 18.37, 26.51
CIE LCh	72, 32.256, 55.285
Yxy	44.1702, 0.4042, 0.3692
Android (android.graphics.Color)	4292977794 (0xFFE1A482)
YUV	178.3630, -23.8430, 40.9006
Hunter-Lab	66.4607, 13.5686, 22.3499

Details

The XYZ color **48.3561, 44.1702, 27.0961** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.4265, 47.4418, 78.2079**, and the grayscale version is **42.6151, 44.8344, 48.8246**.

A 20% lighter version of the original color is **75.1188, 75.3419, 55.3830**, and **23.3906, 20.4924, 10.3120** is the 20% darker color. If you saturate the color by 10%, you get **44.5679, 38.7521, 19.1795**, and if you desaturate by 10%, it is **52.7705, 50.3120, 36.8514**.

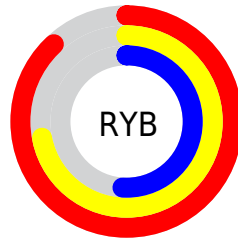
Distribution



Red (88%)

Green (64%)

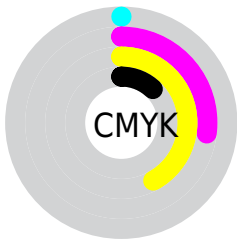
Blue (51%)



Red (88%)

Yellow (72%)

Blue (51%)

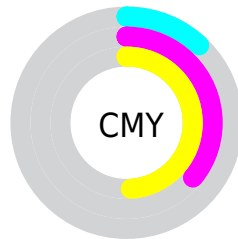


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3561, 44.1702, 27.0961 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 48.3561, 44.1702, 27.0961 by changing the saturation by 10% instead.


 48.3561, 44.1702,
27.0961


 48.3561, 44.1702,
27.0961


370.7610,
363.4024, 301.8970


 34.3214, 30.8043,
17.4123

 86.9409, 81.4738,
56.0437

 23.3047, 20.4499,
10.3639


 112.2216,
106.1803, 76.1445

 14.9406, 12.7225,
5.5321


 141.9818,
135.4358, 100.5548

 8.8637, 7.2377,
2.4986

176.5867,
169.6248, 129.6931

 4.7088, 3.6112,
0.8394

216.4017,
209.1315, 163.9780

 2.1104, 1.4586,
0.0000

261.7922,

 0.6949, 0.2593,

254.3404, 203.8278

0.0000

313.1235,
305.6359, 249.6613

■ 0.0000, 0.0000,
0.0000

■ 48.3561, 44.1702,
27.0961

■ 48.3561, 44.1702,
27.0961

■ 44.5679, 38.7521,
19.1795

■ 52.7705, 50.3120,
36.8514

■ 41.3709, 34.0231,
12.9812

■ 57.8368, 57.1977,
48.5501

■ 38.7317, 29.9549,
8.3704


■ 63.5833, 64.8545,
62.2920


■ 36.6112, 26.5145,
5.1958


■ 70.0355, 73.3063,
78.1693

■ 34.9642, 23.6650,
3.2761

■ 77.2174, 82.5759,
96.2687

 33.9596, 21.8240,
2.4226

 83.4996, 92.0240,
107.9693

 84.8613, 94.7476,
108.4232

Harmonies

Analogous

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



52.3869, 44.1702, 36.1878



48.3561, 44.1702, 27.0961



42.8655, 44.1702, 23.6171

Triad

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



48.3561, 44.1702, 27.0961



32.2220, 44.1702, 45.6259



46.7063, 44.1702, 81.3493

Complementary

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



48.3561, 44.1702, 27.0961



41.4265, 47.4418, 78.2079

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.



41.1116, 44.1702, 85.4247



48.3561, 44.1702, 27.0961



33.0557, 44.1702, 62.3609

Square

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



48.3561, 44.1702, 27.0961



33.8091, 44.1702, 32.7073



36.1950, 44.1702, 77.8359



51.3771, 44.1702, 67.6775

Rectangle

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



48.3561, 44.1702, 27.0961



39.2322, 44.1702, 24.2308



36.1950, 44.1702, 77.8359



44.8584, 44.1702, 83.9990

Sweetspot

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



48.3572, 44.1723, 27.0970



83.7467, 85.2099, 81.0351



48.5209, 35.7679, 54.0709



17.5489, 17.7397, 16.4367



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.



48.3572, 44.1723, 27.0970



59.5962, 52.0549, 26.2918



58.3129, 64.0838, 30.4156



14.1067, 14.4994, 14.3619



19.6696, 12.7772, 1.4295



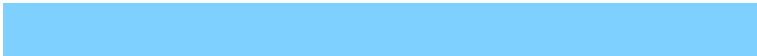
1.4461, 1.0510, 0.1266

Inverse Universe

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



41.4265, 47.4418, 78.2079



49.1656, 56.9072, 103.0006



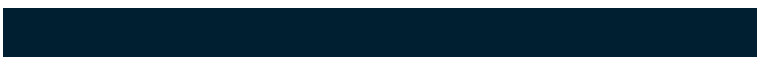
32.8081, 30.2049, 75.3351



13.6823, 14.7038, 17.5047



13.7332, 14.9360, 43.2075



1.0356, 1.2027, 3.0228

Previews

White Background



This preview shows how the XYZ color 48.3561, 44.1702, 27.0961 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 48.3561, 44.1702, 27.0961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

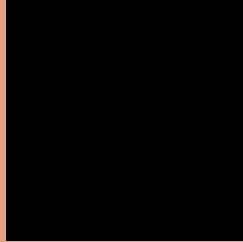
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3561, 44.1702, 27.0961

Background



This preview shows how black text looks on a background with the XYZ color 48.3561, 44.1702, 27.0961.



This preview shows how white text looks on a background with the XYZ color 48.3561, 44.1702,

27.0961.

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

48.3561, 44.1702, 27.0961

Protanopia

41.4013, 44.1690, 29.6359

Deuteranopia

45.2011, 44.1833, 26.9148



Tritanopia

51.8906, 44.0520, 44.2960

Trichromacy



Original Color

48.3561, 44.1702, 27.0961

Protanomaly

43.6842, 43.9228, 28.7298

Deuteranomaly

46.2840, 44.1892, 26.8588

Tritanomaly

50.5665, 44.0359, 37.2871

Monochromacy



Original Color

48.3561, 44.1702, 27.0961

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.8823, 44.0625, 39.9103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3561, 44.1702, 27.0961 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, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 130)  
}
```

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, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 130) }
```

Border

The CSS property to change the border of an element to XYZ 48.3561, 44.1702, 27.0961 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, 164, 130) }
```


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

```
.border{ border-color:rgb(225, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3561, 44.1702, 27.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 130) }
```

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

```
.background{ background-color: rgb(225,  
164, 130) }
```

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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