

Converting Colors

XYZ(46.0168, 42.3020, 25.1411)

Have a look what the booklet for
XYZ(46.0168, 42.3020, 25.1411)
contains.

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Color

**XYZ(45.9617, 42.1861,
25.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA17D
RGB	220, 161, 125
RGB Percent	86%, 63%, 49%
CMY	0.1373, 0.3686, 0.5098
CMYK	0.00, 0.27, 0.43, 0.14
HSL	23°, 58%, 68%
HSV	23°, 43%, 86%
XYZ	45.9617, 42.1861, 25.1223
YIQ	174.5370, 46.7200, 1.3120

Conversions

Conversions Part 2

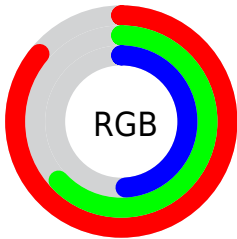
Format	Color
R_{YB}	220, 183, 125
Decimal	14459261
CIE _{Lab}	71.00, 17.46, 27.33
CIE _{LCh}	71, 32.431, 57.430
Yxy	42.1861, 0.4058, 0.3724
Android (android.graphics.Color)	4292649341 (0xFFDCA17D)
YUV	174.5370, -24.4217, 39.8711
Hunter-Lab	64.9508, 12.6495, 22.5328

Details

The XYZ color **45.9617, 42.1861, 25.1223** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.5153, 43.8062, 74.1353**, and the grayscale version is **40.6145, 42.7296, 46.5326**.

A 20% lighter version of the original color is **73.8317, 73.5861, 52.4317**, and **21.8774, 19.2456, 9.3992** is the 20% darker color. If you saturate the color by 10%, you get **42.4506, 37.1695, 17.7694**, and if you desaturate by 10%, it is **50.0471, 47.8530, 34.2031**.

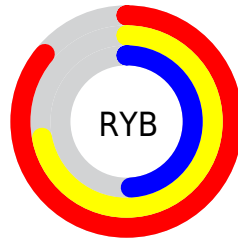
Distribution



Red (86%)

Green (63%)

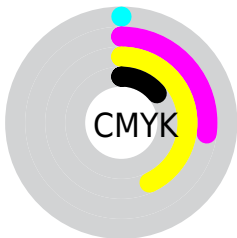
Blue (49%)



Red (86%)

Yellow (72%)

Blue (49%)

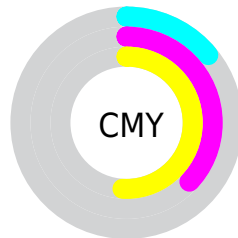


Cyan (0%)

Magenta (27%)

Yellow (43%)

Black (14%)



Cyan (14%)


Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9617, 42.1861, 25.1223 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 45.9617, 42.1861, 25.1223 by changing the saturation by 10% instead.


 45.9617, 42.1861,
25.1223

 45.9617, 42.1861,
25.1223


361.3732,
355.2538, 291.9136

 32.4201, 29.2470,
15.9483


 83.3899, 78.4812,
52.8221

 21.8397, 19.2678,
9.3336


 108.0072,
102.6060, 72.1851

 13.8551, 11.8639,
4.8597


 137.0471,
131.2282, 95.7815

 8.1010, 6.6511,
2.1079

170.8750,
164.7322, 124.0298

 4.2120, 3.2449,
0.6204

209.8561,
203.5024, 157.3487

 1.8227, 1.2609,
0.0000

254.3560,

 0.5313, 0.1106,

247.9231, 196.1566

0.0000

304.7399,
298.3788, 240.8720

■ 0.0000, 0.0000,
0.0000

■ 45.9617, 42.1861,
25.1223

■ 45.9617, 42.1861,
25.1223

■ 42.4506, 37.1695,
17.7694

■ 50.0471, 47.8530,
34.2031

■ 39.4816, 32.7722,
12.0296

■ 54.7304, 54.1877,
45.1114

■ 37.0234, 28.9692,
7.7781

■ 60.0378, 61.2144,
57.9422

■ 35.0401, 25.7313,
4.8702

■ 65.9927, 68.9542,
72.7829

■ 33.4891, 23.0256,
3.1313

■ 72.6173, 77.4272,
89.7158

■ 32.6375, 21.4605,
2.4221

■ 79.6089, 86.5232,
107.1126

■ 83.3251, 93.9556,
108.3513

Harmonies

Analogous

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



50.0571, 42.1861, 33.5302



45.9617, 42.1861, 25.1223



40.5649, 42.1861, 22.1356

Triad

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



45.9617, 42.1861, 25.1223



30.5760, 42.1861, 44.6105



45.0824, 42.1861, 77.7769

Complementary

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



45.9617, 42.1861, 25.1223



38.5153, 43.8062, 74.1353

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.



39.6320, 42.1861, 82.5889



45.9617, 42.1861, 25.1223



31.5537, 42.1861, 61.0708

Square

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



45.9617, 42.1861, 25.1223



31.9530, 42.1861, 31.6890



34.7530, 42.1861, 75.8945



49.5182, 42.1861, 63.9115

Rectangle

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



45.9617, 42.1861, 25.1223



37.0605, 42.1861, 22.9683



34.7530, 42.1861, 75.8945



43.2942, 42.1861, 80.6261

Sweetspot

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



45.9628, 42.1881, 25.1231



83.9455, 85.6075, 81.1014



45.6235, 33.3930, 50.0323



17.5977, 17.8373, 16.4530



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.



45.9628, 42.1881, 25.1231



59.6554, 52.4304, 25.5185



55.6105, 61.4835, 28.3390



13.4585, 13.8563, 13.6908



19.2540, 12.7936, 1.4546



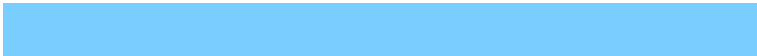
1.3289, 0.9918, 0.1214

Inverse Universe

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



38.5153, 43.8062, 74.1353



47.9030, 54.9272, 102.6850



30.4168, 27.6092, 71.4358



13.0088, 13.9572, 16.6605



12.9106, 13.6906, 41.7005



0.9185, 1.0511, 2.7289

Previews

White Background



This preview shows how the XYZ color 45.9617, 42.1861, 25.1223 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 45.9617, 42.1861, 25.1223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

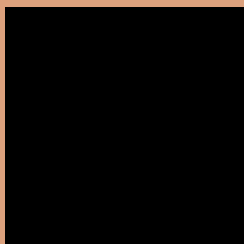
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9617, 42.1861, 25.1223

Background



This preview shows how black text looks on a background with the XYZ color 45.9617, 42.1861, 25.1223.



This preview shows how white text looks on a background with the XYZ color 45.9617, 42.1861,

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

45.9617, 42.1861, 25.1223

Protanopia

39.4825, 42.3499, 27.5661

Deuteranopia

43.1889, 42.3581, 24.9684



Tritanopia

49.4369, 42.0800, 42.0759

Trichromacy



Original Color

45.9617, 42.1861, 25.1223

Protanomaly

41.4391, 41.9667, 26.6852

Deuteranomaly

44.2446, 42.3626, 24.9136

Tritanomaly

48.1559, 42.0689, 35.2878

Monochromacy



Original Color

45.9617, 42.1861, 25.1223

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.9464, 42.2601, 37.8445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9617, 42.1861, 25.1223 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(220, 161, 125)` looks like.

```
.text, #text, p{  
    color:rgb(220, 161, 125)  
}
```

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(220, 161, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 161, 125) }
```

Border

The CSS property to change the border of an element to XYZ 45.9617, 42.1861, 25.1223 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(220, 161, 125) }
```


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

```
.border{ border-color:rgb(220, 161, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 161, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 161, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 161, 125);  
box-shadow:4px 4px 4px 4px rgb(220, 161,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9617, 42.1861, 25.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 161, 125) }
```

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

```
.background{ background-color: rgb(220,  
161, 125) }
```

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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