

Converting Colors

XYZ(46.2154, 45.0924, 22.1875)

Have a look what the booklet for
XYZ(46.2154, 45.0924, 22.1875)
contains.

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Color

**XYZ(46.2154, 45.0924,
22.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AB72
RGB	217, 171, 114
RGB Percent	85%, 67%, 45%
CMY	0.1490, 0.3294, 0.5529
CMYK	0.00, 0.21, 0.47, 0.15
HSL	33°, 58%, 65%
HSV	33°, 47%, 85%
XYZ	46.2154, 45.0924, 22.1875
YIQ	178.2560, 45.7130, -7.9750

Conversions

Conversions Part 2

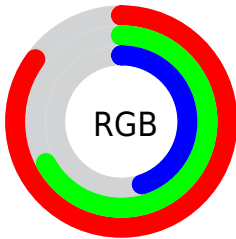
Format	Color
R _Y B	197, 217, 114
Decimal	14265202
CIE Lab	72.95, 9.76, 35.67
CIE LCh	73, 36.986, 74.702
Yxy	45.0924, 0.4072, 0.3973
Android (android.graphics.Color)	4292455282 (0xFFD9AB72)
YUV	178.2560, -31.6782, 33.9785
Hunter-Lab	67.1509, 5.3354, 27.4154

Details

The XYZ color **46.2154, 45.0924, 22.1875** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.0341, 33.7274, 70.4670**, and the grayscale version is **42.5990, 44.8175, 48.8063**.

A 20% lighter version of the original color is **75.4114, 78.4427, 47.7256**, and **22.0482, 21.0489, 7.9018** is the 20% darker color. If you saturate the color by 10%, you get **43.3602, 41.1298, 15.8481**, and if you desaturate by 10%, it is **49.5000, 49.4449, 30.1165**.

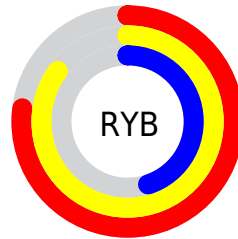
Distribution



Red (85%)

Green (67%)

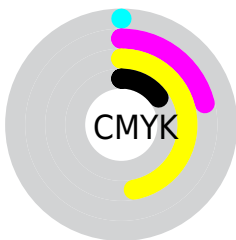
Blue (45%)



Red (77%)

Yellow (85%)

Blue (45%)

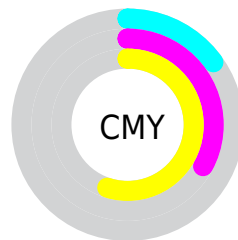


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2154, 45.0924, 22.1875 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 46.2154, 45.0924, 22.1875 by changing the saturation by 10% instead.


 46.2154, 45.0924,
22.1875

 46.2154, 45.0924,
22.1875


362.3754,
367.1477, 276.5093

 32.6212, 31.5302,
13.7951

 83.7672, 82.8591,
47.9619


 21.9942, 21.0029,
7.8412


 108.4554,
107.8323, 66.1809

 13.9692, 13.1261,
3.9072


 137.5724,
137.3780, 88.5126

 8.1808, 7.5155,
1.5746

 171.4834,
171.8806, 115.3754

 4.2637, 3.7865,
0.2726

210.5539,
211.7245, 147.1880

 1.8524, 1.5549,
0.0000

255.1491,

 0.5489, 0.3269,

257.2940, 184.3688

0.0000

305.6345,
308.9736, 227.3363

■ 0.0000, 0.0000,
0.0000

■ 46.2154, 45.0924,
22.1875

■ 46.2154, 45.0924,
22.1875

■ 43.3602, 41.1298,
15.8481

■ 49.5000, 49.4449,
30.1165

■ 40.9073, 37.5365,
10.9837

■ 53.2325, 54.1941,
39.7333

■ 38.8308, 34.2993,
7.4687


■ 57.4341, 59.3543,
51.1312


■ 37.0998, 31.4008,
5.1548


■ 62.1234, 64.9373,
64.3960

■ 35.6731, 28.8194,
3.8405


■ 67.3181, 70.9541,
79.6078

 35.3434, 28.2081,
3.5819

 73.0349, 77.4155,
96.8419

 77.4839, 83.6092,
106.6621

 80.3949, 89.4311,
107.6324

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



52.2929, 45.0924, 28.1107



46.2154, 45.0924, 22.1875



39.7877, 45.0924, 22.1312

Triad

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



46.2154, 45.0924, 22.1875



31.9467, 45.0924, 58.6757



52.1888, 45.0924, 78.9205

Complementary

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



46.2154, 45.0924, 22.1875



32.0341, 33.7274, 70.4670

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.



46.0844, 45.0924, 92.0936



46.2154, 45.0924, 22.1875



34.6339, 45.0924, 78.5621

Square

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



46.2154, 45.0924, 22.1875



31.9742, 45.0924, 40.3096



39.6691, 45.0924, 91.9481



55.9700, 45.0924, 59.0789

Rectangle

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



46.2154, 45.0924, 22.1875



36.1786, 45.0924, 25.3024



39.6691, 45.0924, 91.9481



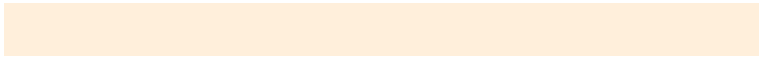
50.3149, 45.0924, 84.4732

Sweetspot

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



46.2165, 45.0946, 22.1884



84.9492, 88.1573, 79.7638



41.0086, 29.3371, 36.9201



17.8768, 18.5022, 16.2171



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.



46.2165, 45.0946, 22.1884



62.4692, 59.2456, 22.7952



54.9582, 64.8152, 25.5341



13.6505, 14.2404, 13.7548



21.5021, 17.2898, 2.2040



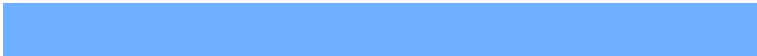
1.4785, 1.2911, 0.1713

Inverse Universe

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



32.0341, 33.7274, 70.4670



39.6807, 41.0002, 100.4302



26.1705, 20.9775, 68.3151



12.8150, 13.5697, 16.5959



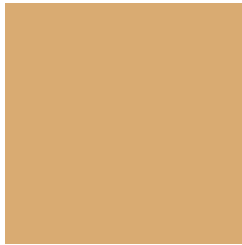
10.2658, 8.4011, 40.8189



0.7502, 0.7145, 2.6728

Previews

White Background



This preview shows how the XYZ color 46.2154, 45.0924, 22.1875 looks on a white background.

Color Contrast Check

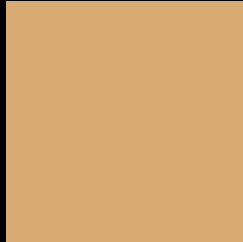
Large Text (above 18pt) WCAG AA × Fail

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 46.2154, 45.0924, 22.1875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

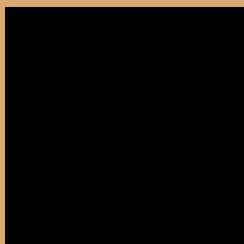
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2154, 45.0924, 22.1875

Background



This preview shows how black text looks on a background with the XYZ color 46.2154, 45.0924, 22.1875.



This preview shows how white text looks on a background with the XYZ color 46.2154, 45.0924,

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

46.2154, 45.0924, 22.1875

Protanopia

41.8367, 45.1267, 23.3349

Deuteranopia

45.9191, 44.9397, 22.1736



Tritanopia

51.3651, 45.0170, 47.0562

Trichromacy



Original Color

46.2154, 45.0924, 22.1875

Protanomaly

43.3063, 45.0081, 22.9279

Deuteranomaly

45.9191, 44.9397, 22.1736

Tritanomaly

49.2048, 44.9445, 36.2188

Monochromacy



Original Color

46.2154, 45.0924, 22.1875

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.9846, 44.2330, 37.2826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2154, 45.0924, 22.1875 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(217, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(217, 171, 114)  
}
```

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(217, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 171, 114) }
```

Border

The CSS property to change the border of an element to XYZ 46.2154, 45.0924, 22.1875 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(217, 171, 114) }
```


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

```
.border{ border-color:rgb(217, 171, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(217, 171,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2154, 45.0924, 22.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 171, 114) }
```

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

```
.background{ background-color: rgb(217,  
171, 114) }
```

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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