

Converting Colors

XYZ(46.1253, 45.1255, 18.5909)

Have a look what the booklet for
XYZ(46.1253, 45.1255, 18.5909)
contains.

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Color

**XYZ(46.1253, 45.1255,
18.5909)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAB65
RGB	219, 171, 101
RGB Percent	86%, 67%, 40%
CMY	0.1412, 0.3294, 0.6039
CMYK	0.00, 0.22, 0.54, 0.14
HSL	36°, 62%, 63%
HSV	36°, 54%, 86%
XYZ	46.1253, 45.1255, 18.5909
YIQ	177.3720, 51.0780, -11.5940

Conversions

Conversions Part 2

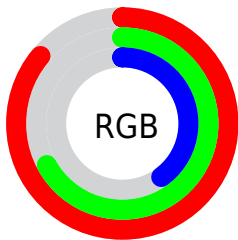
Format	Color
R _{YB}	182, 219, 101
Decimal	14396261
CIE _{Lab}	72.97, 9.41, 42.45
CIE _{LCh}	73, 43.480, 77.503
Yxy	45.1255, 0.4199, 0.4108
Android (android.graphics.Color)	4292586341 (0xFFDBAB65)
YUV	177.3720, -37.6514, 36.5078
Hunter-Lab	67.1755, 5.0078, 30.6143

Details

The XYZ color **46.1253, 45.1255, 18.5909** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.8999, 29.3748, 71.1643**, and the grayscale version is **42.1598, 44.3554, 48.3030**.

A 20% lighter version of the original color is **74.1861, 77.9526, 41.2733**, and **21.8923, 21.0097, 6.0334** is the 20% darker color. If you saturate the color by 10%, you get **43.5660, 41.5014, 13.1310**, and if you desaturate by 10%, it is **49.0861, 49.0952, 25.5959**.

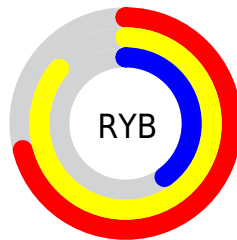
Distribution



Red (86%)

Green (67%)

Blue (40%)



Red (71%)

Yellow (86%)

Blue (40%)

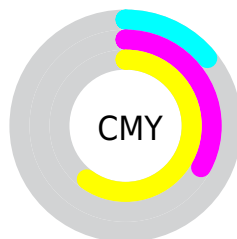


Cyan (0%)

Magenta (22%)

Yellow (54%)

Black (14%)



Cyan (14%)


Magenta (33%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1253, 45.1255, 18.5909 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 46.1253, 45.1255, 18.5909 by changing the saturation by 10% instead.


 46.1253, 45.1255,
18.5909


 46.1253, 45.1255,
18.5909


362.0197,
367.2816, 256.5279

 32.5498, 31.5563,
11.2012


 83.6332, 82.9087,
41.8691


 21.9393, 21.0228,
6.0865


 108.2963,
107.8915, 58.5947

 13.9287, 13.1407,
2.8281


 137.3859,
137.4476, 79.2694

 8.1524, 7.5255,
1.0075

 171.2674,
171.9614, 104.3118

 4.2453, 3.7929,
0.0000

210.3062,
211.8173, 134.1402

 1.8418, 1.5584,
0.0000

254.8676,

 0.5427, 0.3293,

257.3997, 169.1734

0.0000

305.3170,
309.0930, 209.8298

0.0000, 0.0000,
0.0000

46.1253, 45.1255,
18.5909

46.1253, 45.1255,
18.5909

43.5660, 41.5014,
13.1310

49.0861, 49.0952,
25.5959

41.3794, 38.2025,
9.0902

52.4679, 53.4164,
34.2530

39.5374, 35.2157,
6.3272

56.2928, 58.1031,
44.6629

38.0051, 32.5232,
4.6690

60.5801, 63.1662,
56.9171

37.1860, 31.0053,
4.0247

65.3478, 68.6162,
71.1010

■ 70.6129, 74.4630,
87.2945

■ 76.3915, 80.7159,
105.5728

■ 79.0946, 85.9425,
107.0276

■ 81.8146, 91.3826,
107.9343

Harmonies

Analogous

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



53.5196, 45.1255, 24.3189



46.1253, 45.1255, 18.5909



38.6510, 45.1255, 19.0893

Triad

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



46.1253, 45.1255, 18.5909



30.4279, 45.1255, 62.8005



54.5705, 45.1255, 83.1074

Complementary

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



46.1253, 45.1255, 18.5909



28.8999, 29.3748, 71.1643

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.



47.4291, 45.1255, 100.7200



46.1253, 45.1255, 18.5909



33.7709, 45.1255, 86.8239

Square

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



46.1253, 45.1255, 18.5909



30.1663, 45.1255, 40.6364



39.8105, 45.1255, 102.2515



58.7675, 45.1255, 58.7406

Rectangle

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



46.1253, 45.1255, 18.5909



34.6082, 45.1255, 22.8837



39.8105, 45.1255, 102.2515



52.3987, 45.1255, 90.2898

Sweetspot

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



46.1264, 45.1277, 18.5918



84.0958, 87.5106, 76.2112



39.3857, 26.5751, 31.9786



17.7260, 18.4092, 15.5235



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.



46.1264, 45.1277, 18.5918



60.9481, 57.7743, 17.4456



54.0221, 65.1821, 22.0465



13.6950, 14.3294, 13.7696



22.1597, 18.6050, 2.4232



1.5195, 1.3730, 0.1849

Inverse Universe

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



28.8999, 29.3748, 71.1643



34.1944, 33.3574, 99.2441



23.9748, 17.7910, 69.1880



12.7714, 13.4825, 16.5814



9.8049, 7.4793, 40.6653



0.7185, 0.6511, 2.6623

Previews

White Background



This preview shows how the XYZ color 46.1253, 45.1255, 18.5909 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 46.1253, 45.1255, 18.5909 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 46.1253, 45.1255, 18.5909

Background



This preview shows how black text looks on a background with the XYZ color 46.1253, 45.1255, 18.5909.



This preview shows how white text looks on a background with the XYZ color 46.1253, 45.1255,

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

46.1253, 45.1255, 18.5909

Protanopia

41.6447, 45.1100, 19.6089

Deuteranopia

46.1253, 45.1255, 18.5909



Tritanopia

51.7095, 44.9434, 46.5070

Trichromacy



Original Color

46.1253, 45.1255, 18.5909

Protanomaly

43.1504, 45.0091, 19.2453

Deuteranomaly

46.1253, 45.1255, 18.5909

Tritanomaly

49.2319, 44.7364, 34.0572

Monochromacy



Original Color

46.1253, 45.1255, 18.5909

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.4930, 44.0363, 34.6940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1253, 45.1255, 18.5909 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(219, 171, 101)` looks like.

```
.text, #text, p{  
    color:rgb(219, 171, 101)  
}
```

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(219, 171, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 171, 101) }
```

Border

The CSS property to change the border of an element to XYZ 46.1253, 45.1255, 18.5909 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(219, 171, 101) }
```


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

```
.border{ border-color:rgb(219, 171, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 171, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 171, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 171, 101);  
box-shadow:4px 4px 4px 4px rgb(219, 171,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1253, 45.1255, 18.5909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 171, 101) }
```

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

```
.background{ background-color: rgb(219,  
171, 101) }
```

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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