

Converting Colors

XYZ(46.4765, 41.8451, 35.3342)

Have a look what the booklet for
XYZ(46.4765, 41.8451, 35.3342)
contains.

XYZ(46.5572, 42.0075, 35.3602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.5572, 42.0075,
35.3602)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A098
RGB	216, 160, 152
RGB Percent	85%, 63%, 60%
CMY	0.1529, 0.3725, 0.4039
CMYK	0.00, 0.26, 0.30, 0.15
HSL	8°, 45%, 72%
HSV	8°, 30%, 85%
XYZ	46.5572, 42.0075, 35.3602
YIQ	175.8320, 35.9440, 9.3840

Conversions

Conversions Part 2

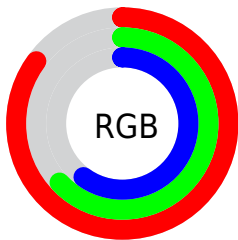
Format	Color
R _Y B	216, 161, 152
Decimal	14196888
CIE Lab	70.88, 19.68, 12.31
CIE LCh	71, 23.212, 32.040
Yxy	42.0075, 0.3757, 0.3390
Android (android.graphics.Color)	4292386968 (0xFFD8A098)
YUV	175.8320, -11.7492, 35.2273
Hunter-Lab	64.8132, 14.7986, 13.0223

Details

The XYZ color **46.5572, 42.0075, 35.3602** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8988, 56.7433, 73.3940**, and the grayscale version is **41.2264, 43.3734, 47.2336**.

A 20% lighter version of the original color is **76.6810, 74.3171, 68.6956**, and **22.2087, 19.1383, 14.8355** is the 20% darker color. If you saturate the color by 10%, you get **41.9159, 35.3027, 25.8655**, and if you desaturate by 10%, it is **52.0210, 49.8411, 46.7194**.

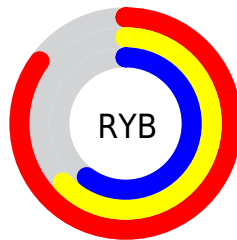
Distribution



Red (85%)

Green (63%)

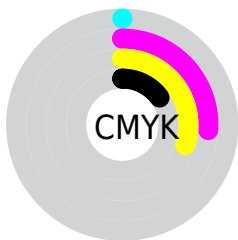
Blue (60%)



Red (85%)

Yellow (63%)

Blue (60%)

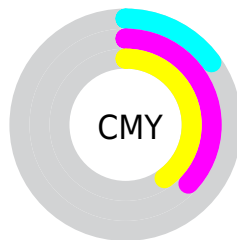


Cyan (0%)

Magenta (26%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5572, 42.0075, 35.3602 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 46.5572, 42.0075, 35.3602 by changing the saturation by 10% instead.

 46.5572, 42.0075,
35.3602

 46.5572, 42.0075,
35.3602


363.7228,
354.5140, 341.1078

 32.8922, 29.1072,
23.6547


 84.2751, 78.2110,
69.2013

 22.2027, 19.1619,
14.8678


 109.0586,
102.2829, 92.1740

 14.1234, 11.7873,
8.5811


138.2791,
130.8475, 119.7394

 8.2888, 6.5990,
4.3759

172.3019,
164.2891, 152.3163

 4.3337, 3.2126,
1.8338

211.4923,
202.9922, 190.3230

 1.8926, 1.2437,
0.4501

256.2157,

 0.5725, 0.0970,

247.3411, 234.1781

0.0000

306.8374,
297.7203, 284.3002

■ 0.0000, 0.0000,
0.0000

■ 46.5572, 42.0075,
35.3602

■ 46.5572, 42.0075,
35.3602

■ 41.9159, 35.3027,
25.8655

■ 52.0210, 49.8411,
46.7194

■ 38.0537, 29.6691,
18.1330

■ 58.3411, 58.8462,
60.0327

■ 34.9286, 25.0526,
12.0547

■ 65.5534, 69.0702,
75.3871

■ 32.4929, 21.3923,
7.5094

■ 73.6910, 80.5563,
92.8634

■ 30.6935, 18.6205,
4.3594

■ 81.9692, 93.0193,
108.2420

■ 29.4688, 16.6607,
2.4422

■ 82.1290, 93.3390,
108.2953

■ 28.7319, 15.4178,
1.4846

■ 28.7112, 15.3835,
1.4561

Harmonies

Analogous

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



47.8161, 42.0075, 44.9862



46.5572, 42.0075, 35.3602



43.5102, 42.0075, 29.4106

Triad

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



46.5572, 42.0075, 35.3602



33.7212, 42.0075, 36.4761



40.1918, 42.0075, 70.4505

Complementary

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



46.5572, 42.0075, 35.3602



47.8988, 56.7433, 73.3940

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.



36.5459, 42.0075, 67.2092



46.5572, 42.0075, 35.3602



32.9569, 42.0075, 46.5002

Square

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



46.5572, 42.0075, 35.3602



36.1160, 42.0075, 29.9781



33.9580, 42.0075, 57.9727



43.9968, 42.0075, 66.2356

Rectangle

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



46.5572, 42.0075, 35.3602



40.9639, 42.0075, 27.7465



33.9580, 42.0075, 57.9727



38.9075, 42.0075, 70.1956

Sweetspot

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



46.5583, 42.0095, 35.3610



85.4981, 86.4600, 88.5634



50.9984, 41.6362, 65.3681



17.9914, 18.0673, 18.3024



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.



46.5583, 42.0095, 35.3610



63.1368, 54.4474, 41.9261



52.7195, 54.3318, 37.4148



12.5472, 12.6686, 12.9447



17.0369, 9.1910, 0.8761



1.0698, 0.6389, 0.0669

Inverse Universe

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



47.8988, 56.7433, 73.3940



65.4014, 79.4399, 106.4942



40.9741, 42.8940, 71.0857



12.6535, 13.8304, 15.9401



18.1603, 24.5825, 42.2409



1.1333, 1.5587, 2.5604

Previews

White Background



This preview shows how the XYZ color 46.5572, 42.0075, 35.3602 looks on a white background.

Color Contrast Check

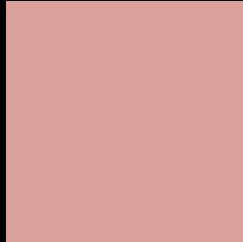
Large Text (above 18pt) WCAG AA × Fail

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 46.5572, 42.0075, 35.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

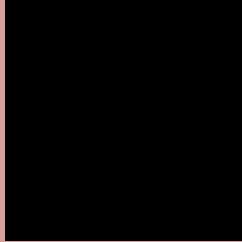
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5572, 42.0075, 35.3602

Background



This preview shows how black text looks on a background with the XYZ color 46.5572, 42.0075, 35.3602.



This preview shows how white text looks on a background with the XYZ color 46.5572, 42.0075,

35.3602.

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

46.5572, 42.0075, 35.3602

Protanopia

40.0240, 42.0936, 38.8163

Deuteranopia

42.9578, 42.0139, 35.1235



Tritanopia

48.1318, 41.8839, 43.0837

Trichromacy



Original Color

46.5572, 42.0075, 35.3602

Protanomaly

41.9957, 41.7430, 37.2963

Deuteranomaly

44.0382, 41.7644, 35.0184

Tritanomaly

47.4530, 41.8498, 40.2271

Monochromacy



Original Color

46.5572, 42.0075, 35.3602

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8356, 42.6158, 42.5272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5572, 42.0075, 35.3602 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(216, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(216, 160, 152)  
}
```

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(216, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 160, 152) }
```

Border

The CSS property to change the border of an element to XYZ 46.5572, 42.0075, 35.3602 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(216, 160, 152) }
```


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

```
.border{ border-color:rgb(216, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(216, 160,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5572, 42.0075, 35.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 160, 152) }
```

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

```
.background{ background-color: rgb(216,  
160, 152) }
```

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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