

Converting Colors

XYZ(50.7599, 46.2266, 55.8079)

Have a look what the booklet for
XYZ(50.7599, 46.2266, 55.8079)
contains.

XYZ(50.7433, 46.1346, 55.5206)	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(50.7433, 46.1346,
55.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9BF
RGB	212, 169, 191
RGB Percent	83%, 66%, 75%
CMY	0.1686, 0.3372, 0.2510
CMYK	0.00, 0.20, 0.10, 0.17
HSL	329°, 33%, 75%
HSV	329°, 20%, 83%
XYZ	50.7433, 46.1346, 55.5206
YIQ	184.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

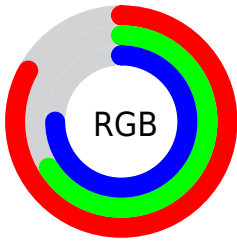
Format	Color
R _Y B	212, 169, 191
Decimal	13937087
CIE Lab	73.63, 19.27, -5.24
CIE LCh	74, 19.970, 344.780
Yxy	46.1346, 0.3330, 0.3027
Android (android.graphics.Color)	4292127167 (0xFFD4A9BF)
YUV	184.3650, 3.2711, 24.2359
Hunter-Lab	67.9225, 14.4889, -0.9186

Details

The XYZ color **50.7433, 46.1346, 55.5206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2018, 59.2409, 57.5594**, and the grayscale version is **45.7382, 48.1201, 52.4028**.

A 20% lighter version of the original color is **84.6842, 81.2867, 99.2223**, and **24.8534, 21.7257, 26.9283** is the 20% darker color. If you saturate the color by 10%, you get **46.0152, 38.4376, 48.5201**, and if you desaturate by 10%, it is **56.1941, 55.1469, 63.1605**.

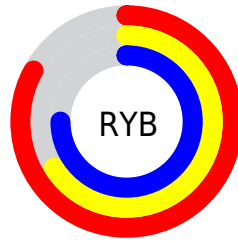
Distribution



Red (83%)

Green (66%)

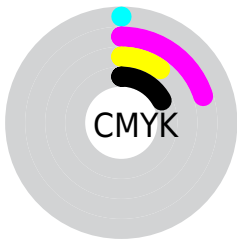
Blue (75%)



Red (83%)

Yellow (66%)

Blue (75%)

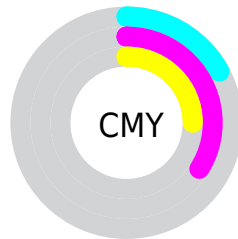


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7433, 46.1346, 55.5206 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 50.7433, 46.1346, 55.5206 by changing the saturation by 10% instead.


 50.7433, 46.1346,
55.5206


 50.7433, 46.1346,
55.5206


379.9697,
371.3495, 425.2198

 36.2246, 32.3521,
39.4173


 90.4605, 84.4204,
99.7821

 24.7786, 21.6305,
26.7742


 116.3896,
109.6924, 128.7773

 16.0400, 13.5857,
17.1728


146.8529,
139.5631, 162.9069

 9.6435, 7.8331,
10.1945

182.2158,
174.4168, 202.5895

 5.2237, 3.9883,
5.4208

222.8436,
214.6379, 248.2435

 2.4152, 1.6670,
2.4332

269.1016,

 0.8527, 0.4022,

260.6108, 300.2875

0.8044

321.3552,
312.7198, 359.1401

■ 0.0000, 0.0000,
0.0000

■ 50.7433, 46.1346,
55.5206

■ 50.7433, 46.1346,
55.5206

■ 46.0152, 38.4376,
48.5201

■ 56.1941, 55.1469,
63.1605

■ 41.9734, 31.9874,
42.1372

■ 62.3938, 65.5262,
71.4550

■ 38.5843, 26.7189,
36.3528

■ 69.3724, 77.3292,
80.4222

■ 35.8094, 22.5583,
31.1454

■ 77.1568, 90.6074,
90.0786

■ 33.6063, 19.4235,
26.4917

■ 79.0551, 91.9745,
98.2009

■ 31.9268, 17.2209,
22.3664

■ 80.6616, 92.6172,
106.6608

■ 30.7136, 15.8395,
18.7405

■ 80.9616, 92.7372,
108.2407

■ 29.8828, 15.0896,
15.6526

Harmonies

Analogous

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



48.8155, 46.1346, 65.3621



50.7433, 46.1346, 55.5206



50.7582, 46.1346, 45.4270

Triad

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



50.7433, 46.1346, 55.5206



42.1378, 46.1346, 33.6582



39.1980, 46.1346, 65.2359

Complementary

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



50.7433, 46.1346, 55.5206



49.2018, 59.2409, 57.5594

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.



37.5981, 46.1346, 55.3660



50.7433, 46.1346, 55.5206



39.2323, 46.1346, 37.6391

Square

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



50.7433, 46.1346, 55.5206



45.6590, 46.1346, 33.6879



37.6103, 46.1346, 45.2918



42.0885, 46.1346, 71.4635

Rectangle

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



50.7433, 46.1346, 55.5206



49.6749, 46.1346, 39.9233



37.6103, 46.1346, 45.2918



38.4984, 46.1346, 62.1797

Sweetspot

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



50.7446, 46.1367, 55.5216



89.1818, 90.1517, 101.1235



47.2546, 44.0510, 68.3000



18.9574, 19.0768, 21.4682



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.



50.7446, 46.1367, 55.5216



74.0928, 65.1968, 79.9913



48.5699, 45.2668, 44.0698



12.6858, 12.5258, 14.2855



18.4988, 9.3358, 9.9307



1.1575, 0.5798, 0.8190

Inverse Universe

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



50.7446, 46.1367, 55.5216



74.0928, 65.1968, 79.9913



51.7005, 60.2404, 70.7177



12.6858, 12.5258, 14.2855



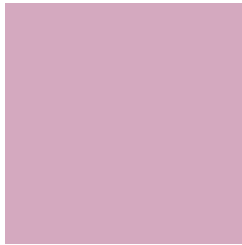
18.4988, 9.3358, 9.9307



1.1575, 0.5798, 0.8190

Previews

White Background



This preview shows how the XYZ color 50.7433, 46.1346, 55.5206 looks on a white background.

Color Contrast Check

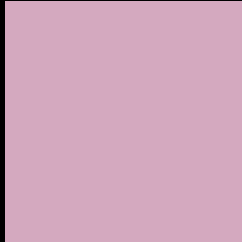
Large Text (above 18pt) WCAG AA × Fail

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 50.7433, 46.1346, 55.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

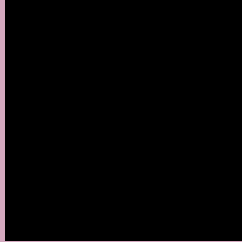
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7433, 46.1346, 55.5206

Background



This preview shows how black text looks on a background with the XYZ color 50.7433, 46.1346, 55.5206.



This preview shows how white text looks on a background with the XYZ color 50.7433, 46.1346,

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

50.7433, 46.1346, 55.5206

Protanopia

45.3367, 46.4230, 59.9971

Deuteranopia

47.3253, 46.3705, 55.1713



Tritanopia

49.7859, 46.0172, 51.0580

Trichromacy



Original Color

50.7433, 46.1346, 55.5206

Protanomaly

47.1139, 46.1973, 58.0636

Deuteranomaly

48.3252, 46.0224, 55.0514

Tritanomaly

50.1016, 46.1435, 52.7203

Monochromacy



Original Color

50.7433, 46.1346, 55.5206

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.3379, 47.2974, 53.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7433, 46.1346, 55.5206 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(212, 169, 191)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 191)  
}
```

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(212, 169, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 191) }
```

Border

The CSS property to change the border of an element to XYZ 50.7433, 46.1346, 55.5206 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(212, 169, 191) }
```


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

```
.border{ border-color:rgb(212, 169, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7433, 46.1346, 55.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 191) }
```

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

```
.background{ background-color: rgb(212,  
169, 191) }
```

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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