

Converting Colors

XYZ(52.7344, 52.1959, 46.4215)

Have a look what the booklet for
XYZ(52.7344, 52.1959, 46.4215)
contains.

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Color

**XYZ(52.5269, 51.9726,
46.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B9AC
RGB	214, 185, 172
RGB Percent	84%, 73%, 67%
CMY	0.1608, 0.2745, 0.3255
CMYK	0.00, 0.14, 0.20, 0.16
HSL	19°, 34%, 76%
HSV	19°, 20%, 84%
XYZ	52.5269, 51.9726, 46.2930
YIQ	192.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

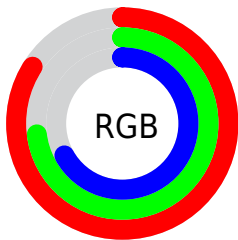
Format	Color
R _Y B	214, 191, 172
Decimal	14072236
CIE Lab	77.26, 8.31, 10.41
CIE LCh	77, 13.324, 51.395
Yxy	51.9726, 0.3483, 0.3447
Android (android.graphics.Color)	4292262316 (0xFFD6B9AC)
YUV	192.1890, -9.9532, 19.1282
Hunter-Lab	72.0920, 3.8957, 12.3921

Details

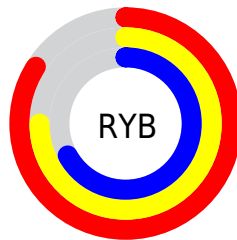
The XYZ color **52.5269, 51.9726, 46.2930** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.0371, 55.3977, 71.6743**, and the grayscale version is **50.2620, 52.8796, 57.5858**.

A 20% lighter version of the original color is **86.5604, 89.7166, 85.4279**, and **25.9395, 25.2295, 21.2719** is the 20% darker color. If you saturate the color by 10%, you get **47.7034, 45.3538, 35.3486**, and if you desaturate by 10%, it is **58.0054, 59.3709, 59.0897**.

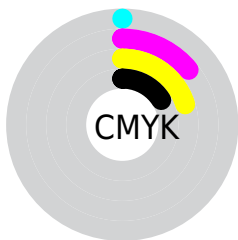
Distribution



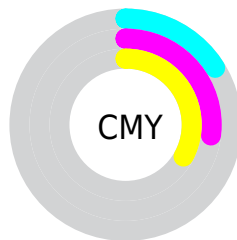
- Red (84%)
- Green (73%)
- Blue (67%)



- Red (84%)
- Yellow (75%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5269, 51.9726, 46.2930 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 52.5269, 51.9726, 46.2930 by changing the saturation by 10% instead.


 52.5269, 51.9726,
46.2930

 52.5269, 51.9726,
46.2930


386.7580,
394.3308, 388.2971

 37.6512, 36.9832,
32.1268


 93.0775, 93.0908,
85.9962

 25.8881, 25.1945,
21.1927


119.4831,
119.9885, 112.3703

 16.8722, 16.2220,
13.0723


150.4626,
151.6244, 143.6507

 10.2381, 9.6814,
7.3471

186.3816,
188.3828, 180.2560

 5.6206, 5.1882,
3.5984

227.6052,
230.6483, 222.6048

 2.6542, 2.3581,
1.4077

274.4989,

 0.9737, 0.8042,

278.8052, 271.1155

0.1477

327.4281,
333.2379, 326.2068

■ 0.0000, 0.0000,
0.0000

■ 52.5269, 51.9726,
46.2930

■ 52.5269, 51.9726,
46.2930

■ 47.7034, 45.3538,
35.3486

■ 58.0054, 59.3709,
59.0897

■ 43.5051, 39.4816,
26.1669

■ 64.1589, 67.5661,
73.8164

■ 39.9061, 34.3310,
18.6552

■ 71.0114, 76.5842,
90.5501

■ 36.8768, 29.8729,
12.7115

■ 78.1631, 86.2789,
107.1416

■ 34.3850, 26.0761,
8.2221

■ 81.5417, 93.0362,
108.2678

■ 32.3947, 22.9067,
5.0578

■ 30.8647, 20.3273,
3.0661

■ 29.7321, 18.2900,
1.9863

■ 29.6951, 18.2230,
1.9523

Harmonies

Analogous

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



54.1143, 51.9726, 51.6114



52.5269, 51.9726, 46.2930



50.1370, 51.9726, 43.7892

Triad

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



52.5269, 51.9726, 46.2930



44.6994, 51.9726, 54.5106



51.2119, 51.9726, 70.7233

Complementary

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



52.5269, 51.9726, 46.2930



50.0371, 55.3977, 71.6743

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.



48.6671, 51.9726, 71.6685



52.5269, 51.9726, 46.2930



44.9648, 51.9726, 61.8775

Square

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



52.5269, 51.9726, 46.2930



45.6586, 51.9726, 48.2582



46.3967, 51.9726, 68.3093



53.3370, 51.9726, 65.8280

Rectangle

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



52.5269, 51.9726, 46.2930



48.4343, 51.9726, 43.8895



46.3967, 51.9726, 68.3093



50.3752, 51.9726, 71.5293

Sweetspot

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



52.5283, 51.9749, 46.2941



89.4060, 92.4982, 95.3464



53.0744, 48.0378, 61.9808



19.0099, 19.6294, 20.1062



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.



52.5283, 51.9749, 46.2941



74.6863, 72.6083, 60.9997



57.1536, 61.2254, 47.8358



12.7338, 13.0418, 13.0069



18.0304, 11.1781, 1.2073



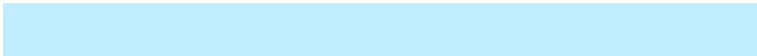
1.1604, 0.8199, 0.0971

Inverse Universe

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



50.0371, 55.3977, 71.6743



70.2570, 78.6833, 106.0922



45.5536, 46.4307, 70.1798



12.4527, 13.4288, 15.8732



13.8091, 15.8800, 40.7905



0.9049, 1.1019, 2.4843

Previews

White Background



This preview shows how the XYZ color 52.5269, 51.9726, 46.2930 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 52.5269, 51.9726, 46.2930 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 52.5269, 51.9726, 46.2930

Background



This preview shows how black text looks on a background with the XYZ color 52.5269, 51.9726, 46.2930.



This preview shows how white text looks on a background with the XYZ color 52.5269, 51.9726,

46.2930.

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

52.5269, 51.9726, 46.2930

Protanopia

49.4400, 51.9278, 47.9747

Deuteranopia

52.9058, 51.8585, 46.2510



Tritanopia

55.1030, 51.7850, 59.3158

Trichromacy



Original Color

52.5269, 51.9726, 46.2930

Protanomaly

50.5250, 51.8598, 47.3914

Deuteranomaly

52.6112, 51.7066, 46.2372

Tritanomaly

54.0165, 51.6427, 54.1348

Monochromacy



Original Color

52.5269, 51.9726, 46.2930

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7740, 52.1773, 53.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5269, 51.9726, 46.2930 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(214, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(214, 185, 172)  
}
```

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(214, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 185, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.5269, 51.9726, 46.2930 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(214, 185, 172) }
```


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

```
.border{ border-color:rgb(214, 185, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 185, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(214, 185,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5269, 51.9726, 46.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 185, 172) }
```

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

```
.background{ background-color: rgb(214,  
185, 172) }
```

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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