

Converting Colors

XYZ(52.6570, 41.5301, 76.4749)

Have a look what the booklet for
XYZ(52.6570, 41.5301, 76.4749)
contains.

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Color

**XYZ(52.6570, 41.5301,
76.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	D895E1
RGB	216, 149, 225
RGB Percent	85%, 58%, 88%
CMY	0.1529, 0.4157, 0.1176
CMYK	0.04, 0.34, 0.00, 0.12
HSL	293°, 56%, 73%
HSV	293°, 34%, 88%
XYZ	52.6570, 41.5301, 76.4749
YIQ	177.6970, 15.5360, 37.8400

Conversions

Conversions Part 2

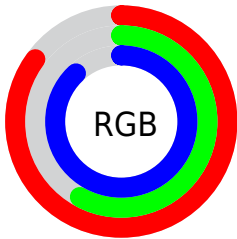
Format	Color
R _Y B	216, 149, 225
Decimal	14194145
CIE Lab	70.55, 37.61, -28.56
CIE LCh	71, 47.228, 322.786
Yxy	41.5301, 0.3085, 0.2433
Android (android.graphics.Color)	4292384225 (0xFFD895E1)
YUV	177.6970, 23.3204, 33.5917
Hunter-Lab	64.4439, 33.0754, -25.2482

Details

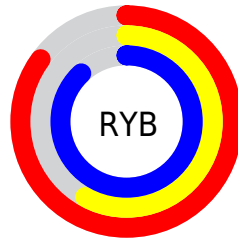
The XYZ color **52.6570, 41.5301, 76.4749** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.4519, 63.2904, 38.2038**, and the grayscale version is **42.0332, 44.2222, 48.1579**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **25.9333, 18.8875, 39.8149** is the 20% darker color. If you saturate the color by 10%, you get **48.6548, 34.6841, 75.3650**, and if you desaturate by 10%, it is **57.3622, 49.7615, 77.8164**.

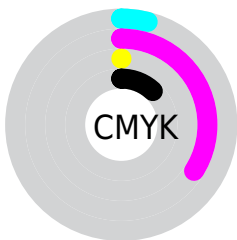
Distribution



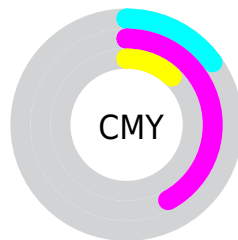
- Red (85%)
- Green (58%)
- Blue (88%)



- Red (85%)
- Yellow (58%)
- Blue (88%)



- Cyan (4%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)




- Cyan (15%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6570, 41.5301, 76.4749 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 52.6570, 41.5301, 76.4749 by changing the saturation by 10% instead.

 52.6570, 41.5301,
76.4749

 52.6570, 41.5301,
76.4749


387.2502,
352.5313, 502.3619

 37.7554, 28.7335,
56.3130


 93.2680, 77.4880,
130.1642

 25.9693, 18.8793,
40.0483

 119.7080,
101.4180, 164.5287

 16.9332, 11.5831,
27.2621


150.7250,
129.8280, 204.4645

 10.2819, 6.4605,
17.5360

186.6842,
163.1024, 250.3902

 5.6500, 3.1271,
10.4514

227.9509,
201.6255, 302.7242

 2.6720, 1.1984,
5.5898

274.8906,

 0.9828, 0.0604,

245.7818, 361.8851

2.5326

327.8686,
295.9556, 428.2915

■ 0.0000, 0.0000,
0.8573

■ 0.0000, 0.0000,
0.0000

■ 52.6570, 41.5301,
76.4749

■ 52.6570, 41.5301,
76.4749

■ 48.6548, 34.6841,
75.3650

■ 57.3622, 49.7615,
77.8164

■ 45.3119, 29.1385,
74.4708

■ 62.8031, 59.4461,
79.3989

■ 42.5857, 24.8076,
73.7786

■ 69.0150, 70.6537,
81.2348

■ 40.4269, 21.5929,
73.2718

■ 76.0298, 83.4478,
83.3346

38.7785, 19.3804,
72.9317

81.7671, 93.6676,
85.0048

37.5715, 18.0320,
72.7350

82.6255, 94.1100,
85.0450

36.9738, 17.4907,
72.6620

83.4969, 94.5593,
85.0857

84.3815, 95.0153,
85.1271

85.2794, 95.4782,
85.1692

Harmonies

Analogous

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



45.5689, 41.5301, 97.4800



52.6570, 41.5301, 76.4749



56.2931, 41.5301, 50.8280

Triad

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



52.6570, 41.5301, 76.4749



41.3858, 41.5301, 14.5979



27.2015, 41.5301, 63.9701

Complementary

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



52.6570, 41.5301, 76.4749



46.4519, 63.2904, 38.2038

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.



26.3894, 41.5301, 40.0390



52.6570, 41.5301, 76.4749



33.9467, 41.5301, 16.0612

Square

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



52.6570, 41.5301, 76.4749



49.2523, 41.5301, 18.9199



28.6968, 41.5301, 23.9051



31.0825, 41.5301, 88.7566

Rectangle

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



52.6570, 41.5301, 76.4749



55.9730, 41.5301, 36.3668



28.6968, 41.5301, 23.9051



26.5834, 41.5301, 55.4029

Sweetspot

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



52.6584, 41.5319, 76.4758



86.3457, 84.2275, 106.3144



38.4078, 36.6699, 76.2884



18.2380, 17.5899, 22.6839



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.



52.6584, 41.5319, 76.4758



65.8594, 48.1637, 100.4331



51.8934, 41.5415, 58.1881



14.1269, 13.8490, 17.3162



21.3712, 10.1126, 41.8739



1.5271, 0.7245, 2.9046

Inverse Universe

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



47.9717, 39.9728, 37.5366



58.8139, 45.8549, 40.3217



47.2436, 63.4100, 51.2764



13.7729, 13.7268, 14.5744



18.0270, 9.2778, 1.5421



1.2717, 0.6519, 0.2236

Previews

White Background



This preview shows how the XYZ color 52.6570, 41.5301, 76.4749 looks on a white background.

Color Contrast Check

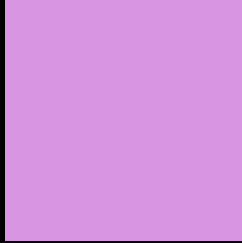
Large Text (above 18pt) WCAG AA × Fail

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 52.6570, 41.5301, 76.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

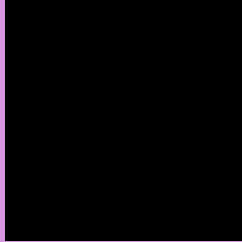
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6570, 41.5301, 76.4749

Background



This preview shows how black text looks on a background with the XYZ color 52.6570, 41.5301, 76.4749.



This preview shows how white text looks on a background with the XYZ color 52.6570, 41.5301,

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

52.6570, 41.5301, 76.4749

Protanopia

43.0144, 41.6796, 88.9970

Deuteranopia

42.7357, 41.8624, 74.2345



Tritanopia

46.3117, 41.6755, 44.6330

Trichromacy



Original Color

52.6570, 41.5301, 76.4749



Protanomaly

45.5949, 40.9528, 84.0988



Deuteranomaly

45.6336, 41.1819, 74.6510



Tritanomaly

48.4438, 41.5356, 54.7541

Monochromacy



Original Color

52.6570, 41.5301, 76.4749



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.4073, 42.7840, 57.4947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6570, 41.5301, 76.4749 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, 149, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 149, 225)  
}
```

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, 149, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 149, 225) }
```

Border

The CSS property to change the border of an element to XYZ 52.6570, 41.5301, 76.4749 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, 149, 225) }
```


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

```
.border{ border-color:rgb(216, 149, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 149, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 149, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 149, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 149,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6570, 41.5301, 76.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 149, 225) }
```

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

```
.background{ background-color: rgb(216,  
149, 225) }
```

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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