

Converting Colors

XYZ(52.4521, 50.7594, 75.6154)

Have a look what the booklet for
XYZ(52.4521, 50.7594, 75.6154)
contains.

XYZ(52.2328, 50.5568, 75.4121)	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(52.2328, 50.5568,
75.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B7DD
RGB	194, 183, 221
RGB Percent	76%, 72%, 87%
CMY	0.2392, 0.2823, 0.1333
CMYK	0.12, 0.17, 0.00, 0.13
HSL	257°, 36%, 79%
HSV	257°, 17%, 87%
XYZ	52.2328, 50.5568, 75.4121
YIQ	190.6210, -5.6420, 14.1500

Conversions

Conversions Part 2

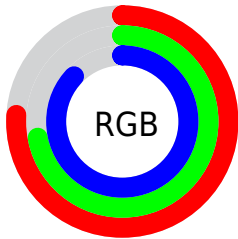
Format	Color
RYB	194, 183, 221
Decimal	12761053
CIELab	76.41, 11.23, -17.63
CIELCh	76, 20.899, 302.504
Yxy	50.5568, 0.2931, 0.2837
Android (android.graphics.Color)	4290951133 (0xFFC2B7DD)
YUV	190.6210, 14.9768, 2.9634
Hunter-Lab	71.1033, 6.6961, -13.1106

Details

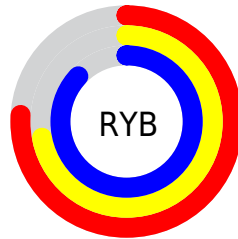
The XYZ color **52.2328, 50.5568, 75.4121** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.9838, 68.8347, 54.8744**, and the grayscale version is **49.2217, 51.7850, 56.3939**.

A 20% lighter version of the original color is **88.7002, 89.4622, 107.2007**, and **25.6808, 24.2939, 39.4121** is the 20% darker color. If you saturate the color by 10%, you get **44.2081, 40.1771, 73.8324**, and if you desaturate by 10%, it is **61.4022, 62.5916, 77.2526**.

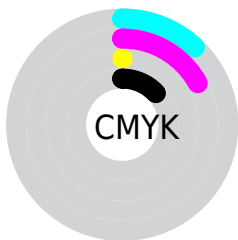
Distribution



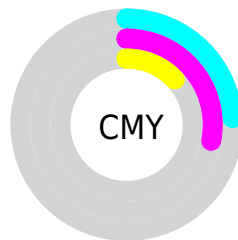
- Red (76%)
- Green (72%)
- Blue (87%)



- Red (76%)
- Yellow (72%)
- Blue (87%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2328, 50.5568, 75.4121 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 52.2328, 50.5568, 75.4121 by changing the saturation by 10% instead.

■ 52.2328, 50.5568,
75.4121

■ 52.2328, 50.5568,
75.4121

385.6439,
388.8394, 498.6260

■ 37.4157, 35.8560,
55.4468

■ 92.6467, 90.9993,
128.6480

■ 25.7047, 24.3230,
39.3585

118.9741,
117.5098, 162.7557

■ 16.7343, 15.5734,
26.7288

149.8691,
148.7257, 202.4146

■ 10.1394, 9.2228,
17.1390

185.6969,
185.0313, 248.0432

■ 5.5545, 4.8868,
10.1706

226.8230,
226.8111, 300.0601

■ 2.6142, 2.1810,
5.4052

273.6126,

■ 0.9532, 0.7096,

274.4495, 358.8838

2.4240

326.4311,
328.3308, 424.9330

■ 0.0000, 0.0000,
0.7995

■ 0.0000, 0.0000,
0.0000

■ 52.2328, 50.5568,
75.4121

■ 52.2328, 50.5568,
75.4121

■ 44.2081, 40.1771,
73.8324

■ 61.4022, 62.5916,
77.2526

■ 37.2770, 31.3729,
72.4983

■ 71.7554, 76.3441,
79.3614

■ 31.3913, 24.0673,
71.3984

■ 83.3354, 91.8810,
81.7500

■ 26.4971, 18.1741,
70.5188

■ 90.0513, 98.0005,
82.5772

■ 22.5355, 13.5984,
69.8444

■ 19.4406, 10.2332,
69.3580

■ 17.1369, 7.9539,
69.0395

■ 15.5287, 6.5976,
68.8624

■ 15.1634, 6.3094,
68.8261

Harmonies

Analogous

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



48.3839, 50.5568, 79.6490



52.2328, 50.5568, 75.4121



55.0792, 50.5568, 65.6669

Triad

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



52.2328, 50.5568, 75.4121



51.6301, 50.5568, 37.9817



40.8854, 50.5568, 55.9994

Complementary

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



52.2328, 50.5568, 75.4121



60.9838, 68.8347, 54.8744

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.



41.6508, 50.5568, 45.6400



52.2328, 50.5568, 75.4121



47.7231, 50.5568, 36.1185

Square

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



52.2328, 50.5568, 75.4121



54.7181, 50.5568, 44.2088



44.1018, 50.5568, 38.7254



41.9519, 50.5568, 67.5277

Rectangle

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



52.2328, 50.5568, 75.4121



55.9487, 50.5568, 57.9225



44.1018, 50.5568, 38.7254



40.9369, 50.5568, 52.2697

Sweetspot

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



52.2344, 50.5589, 75.4132



87.8617, 90.4552, 107.4365



55.6855, 61.4979, 77.3428



18.5970, 19.0845, 22.9535



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.



52.2344, 50.5589, 75.4132



67.6419, 63.9474, 103.3857



57.3592, 53.2009, 75.6531



12.6910, 12.7988, 16.4537



8.9063, 3.7155, 39.9862



0.6614, 0.2842, 2.5944

Inverse Universe

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



58.3868, 53.8944, 68.3004



77.8858, 69.5050, 91.3605



55.9500, 66.2397, 54.6388



13.4454, 13.2072, 15.6065



20.9106, 10.3653, 19.7070



1.3914, 0.6862, 1.4698

Previews

White Background



This preview shows how the XYZ color 52.2328, 50.5568, 75.4121 looks on a white background.

Color Contrast Check

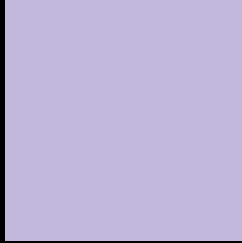
Large Text (above 18pt) WCAG AA × Fail

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 52.2328, 50.5568, 75.4121 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 52.2328, 50.5568, 75.4121

Background



This preview shows how black text looks on a background with the XYZ color 52.2328, 50.5568, 75.4121.



This preview shows how white text looks on a background with the XYZ color 52.2328, 50.5568,

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

52.2328, 50.5568, 75.4121

Protanopia

50.2809, 50.7462, 77.6659

Deuteranopia

51.6775, 50.5778, 75.4454



Tritanopia

49.5874, 50.4112, 62.3751

Trichromacy



Original Color

52.2328, 50.5568, 75.4121

Protanomaly

51.1279, 50.8846, 76.9390

Deuteranomaly

51.9299, 50.7079, 75.4572

Tritanomaly

50.4724, 50.4585, 66.7538

Monochromacy



Original Color

52.2328, 50.5568, 75.4121

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.3821, 51.4372, 63.1501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2328, 50.5568, 75.4121 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(194, 183, 221)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 221)  
}
```

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(194, 183, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 221) }
```

Border

The CSS property to change the border of an element to XYZ 52.2328, 50.5568, 75.4121 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(194, 183, 221) }
```


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

```
.border{ border-color:rgb(194, 183, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 221);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2328, 50.5568, 75.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 221) }
```

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

```
.background{ background-color: rgb(194,  
183, 221) }
```

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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