

Converting Colors

XYZ(53.6113, 52.2297, 76.2576)

Have a look what the booklet for
XYZ(53.6113, 52.2297, 76.2576)
contains.

XYZ(53.5087, 52.1275, 76.3486)	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(53.5087, 52.1275,
76.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BADE
RGB	196, 186, 222
RGB Percent	77%, 73%, 87%
CMY	0.2314, 0.2706, 0.1294
CMYK	0.12, 0.16, 0.00, 0.13
HSL	257°, 35%, 80%
HSV	257°, 16%, 87%
XYZ	53.5087, 52.1275, 76.3486
YIQ	193.0940, -5.5960, 13.3160

Conversions

Conversions Part 2

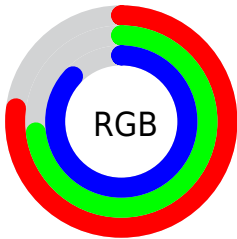
Format	Color
R_{YB}	196, 186, 222
Decimal	12892894
CIE _{Lab}	77.36, 10.46, -16.72
CIE _{LCh}	77, 19.721, 302.015
Yxy	52.1275, 0.2940, 0.2864
Android (android.graphics.Color)	4291082974 (0xFFC4BADE)
YUV	193.0940, 14.2507, 2.5486
Hunter-Lab	72.1994, 5.9417, -12.1578

Details

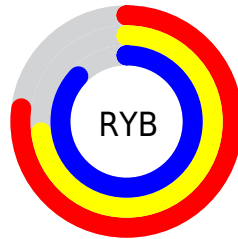
The XYZ color **53.5087, 52.1275, 76.3486** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.1373, 69.7860, 56.6519**, and the grayscale version is **50.6664, 53.3050, 58.0491**.

A 20% lighter version of the original color is **90.3101, 91.6069, 107.5298**, and **26.5179, 25.3159, 40.0480** is the 20% darker color. If you saturate the color by 10%, you get **45.2403, 41.4543, 74.7251**, and if you desaturate by 10%, it is **62.9526, 64.4880, 78.2375**.

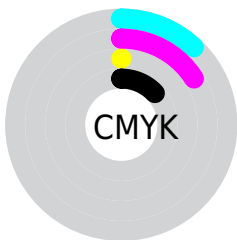
Distribution



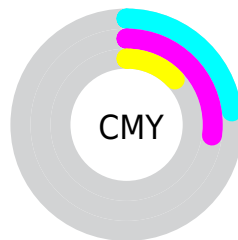
- Red (77%)
- Green (73%)
- Blue (87%)



- Red (77%)
- Yellow (73%)
- Blue (87%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5087, 52.1275, 76.3486 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 53.5087, 52.1275, 76.3486 by changing the saturation by 10% instead.

■ 53.5087, 52.1275,
76.3486

■ 53.5087, 52.1275,
76.3486

390.4627,
394.9286, 501.9187

■ 38.4381, 37.1067,
56.2100

■ 94.5136, 93.3192,
129.9842

■ 26.5017, 25.2901,
39.9662

121.1787,
120.2590, 164.3182

■ 17.3340, 16.2933,
27.1986

152.4393,
151.9405, 204.2212

■ 10.5697, 9.7320,
17.4887

188.6608,
188.7482, 250.1116

■ 5.8434, 5.2216,
10.4179

230.2085,
231.0665, 302.4081

■ 2.7898, 2.3779,
5.5677

277.4478,

■ 1.0436, 0.8145,

279.2797, 361.5290

2.5195

330.7441,
333.7723, 427.8931

■ 0.0000, 0.0000,
0.8505

■ 0.0000, 0.0000,
0.0000

■ 53.5087, 52.1275,
76.3486

■ 53.5087, 52.1275,
76.3486

■ 45.2403, 41.4543,
74.7251

■ 62.9526, 64.4880,
78.2375

■ 38.0953, 32.3879,
73.3517

■ 73.6118, 78.5986,
80.3993

■ 32.0245, 24.8505,
72.2168

■ 85.5302, 94.5271,
82.8456

■ 26.9732, 18.7558,
71.3066

■ 90.1850, 98.0540,
83.2811

■ 22.8813, 14.0081,
70.6059

■ 19.6822, 10.5001,
70.0974

■ 17.2996, 8.1073,
69.7611

■ 15.6412, 6.6756,
69.5722

■ 15.1502, 6.2871,
69.5230

Harmonies

Analogous

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



49.8022, 52.1275, 80.2645



53.5087, 52.1275, 76.3486



56.2608, 52.1275, 67.1209

Triad

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



53.5087, 52.1275, 76.3486



53.0430, 52.1275, 40.2564



42.6164, 52.1275, 57.4948

Complementary

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



53.5087, 52.1275, 76.3486



62.1373, 69.7860, 56.6519

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.



43.3872, 52.1275, 47.5207



53.5087, 52.1275, 76.3486



49.2899, 52.1275, 38.3573

Square

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



53.5087, 52.1275, 76.3486



55.9824, 52.1275, 46.4007



45.7832, 52.1275, 40.8428



43.6221, 52.1275, 68.5520

Rectangle

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



53.5087, 52.1275, 76.3486



57.1153, 52.1275, 59.7055



45.7832, 52.1275, 40.8428



42.6762, 52.1275, 53.9091

Sweetspot

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



53.5103, 52.1297, 76.3498



87.8094, 90.4283, 107.4341



57.0798, 63.0018, 78.2602



18.5843, 19.0780, 22.9529



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.



53.5103, 52.1297, 76.3498



69.7711, 66.8446, 103.8327



58.3603, 54.6299, 76.5767



13.3076, 13.4266, 17.2779



9.0918, 3.7823, 41.2992



0.7156, 0.3062, 2.8666

Inverse Universe

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



59.5684, 55.4031, 69.8438



79.4025, 72.0513, 93.3677



57.3368, 67.3113, 56.4272



14.1241, 13.8673, 16.4239



21.7293, 10.7587, 21.0379



1.5435, 0.7607, 1.6551

Previews

White Background



This preview shows how the XYZ color 53.5087, 52.1275, 76.3486 looks on a white background.

Color Contrast Check

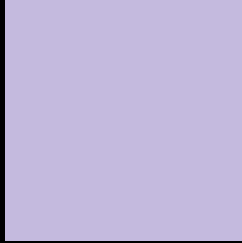
Large Text (above 18pt) WCAG AA × Fail

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 53.5087, 52.1275, 76.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

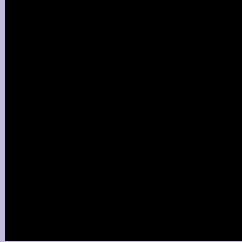
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5087, 52.1275, 76.3486

Background



This preview shows how black text looks on a background with the XYZ color 53.5087, 52.1275, 76.3486.



This preview shows how white text looks on a background with the XYZ color 53.5087, 52.1275,

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

53.5087, 52.1275, 76.3486

Protanopia

51.4193, 51.9674, 77.8416

Deuteranopia

53.2494, 51.9938, 76.3365



Tritanopia

51.0890, 52.0923, 64.4889

Trichromacy



Original Color

53.5087, 52.1275, 76.3486

Protanomaly

52.0415, 51.9855, 77.1034

Deuteranomaly

53.2494, 51.9938, 76.3365

Tritanomaly

51.9892, 52.1389, 68.9517

Monochromacy



Original Color

53.5087, 52.1275, 76.3486

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5607, 52.6559, 64.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5087, 52.1275, 76.3486 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(196, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 222)  
}
```

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(196, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 53.5087, 52.1275, 76.3486 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(196, 186, 222) }
```


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

```
.border{ border-color:rgb(196, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5087, 52.1275, 76.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 222) }
```

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

```
.background{ background-color: rgb(196,  
186, 222) }
```

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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