

Converting Colors

XYZ(53.6334, 52.4242, 79.9757)

Have a look what the booklet for
XYZ(53.6334, 52.4242, 79.9757)
contains.

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Color

**XYZ(53.6278, 52.4242,
79.9654)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BBE3
RGB	193, 187, 227
RGB Percent	76%, 73%, 89%
CMY	0.2431, 0.2666, 0.1098
CMYK	0.15, 0.18, 0.00, 0.11
HSL	249°, 42%, 81%
HSV	249°, 18%, 89%
XYZ	53.6278, 52.4242, 79.9654
YIQ	193.3540, -9.2640, 13.7120

Conversions

Conversions Part 2

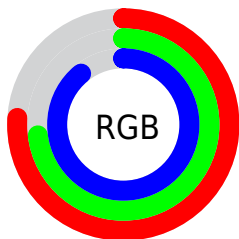
Format	Color
R _Y B	193, 187, 227
Decimal	12696547
CIE Lab	77.53, 10.00, -19.18
CIE LCh	78, 21.630, 297.535
Yxy	52.4242, 0.2883, 0.2818
Android (android.graphics.Color)	4290886627 (0xFFC1BBE3)
YUV	193.3540, 16.5875, -0.3105
Hunter-Lab	72.4046, 5.5014, -14.7982

Details

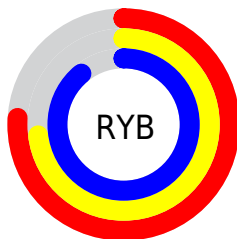
The XYZ color **53.6278, 52.4242, 79.9654** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.2593, 73.8995, 57.7880**, and the grayscale version is **50.8075, 53.4535, 58.2108**.

A 20% lighter version of the original color is **89.5249, 91.6452, 107.5786**, and **26.6190, 25.5177, 42.5522** is the 20% darker color. If you saturate the color by 10%, you get **44.5854, 41.1710, 78.2707**, and if you desaturate by 10%, it is **64.0764, 65.5349, 81.9462**.

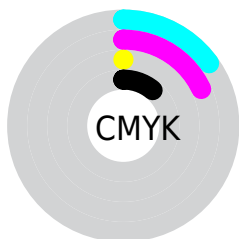
Distribution



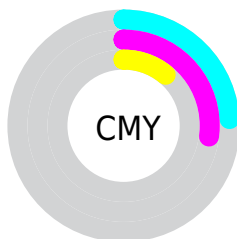
- Red (76%)
- Green (73%)
- Blue (89%)



- Red (76%)
- Yellow (73%)
- Blue (89%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6278, 52.4242, 79.9654 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 53.6278, 52.4242, 79.9654 by changing the saturation by 10% instead.

■ 53.6278, 52.4242,
79.9654

■ 53.6278, 52.4242,
79.9654

390.9107,
396.0721, 514.5199

■ 38.5337, 37.3433,
59.1639

■ 94.6876, 93.7565,
135.1280

■ 26.5762, 25.4734,
42.3242

121.3840,
120.7768, 170.3263

■ 17.3902, 16.4301,
29.0277

152.6786,
152.5456, 211.1604

■ 10.6101, 9.8290,
18.8561

188.9366,
189.4474, 258.0491

■ 5.8706, 5.2857,
11.3906

230.5235,
231.8665, 311.4109

■ 2.8065, 2.4159,
6.2127

277.8045,

■ 1.0523, 0.8340,

280.1874, 371.6642

2.9040

331.1451,
334.7945, 439.2277

■ 0.0000, 0.0000,
1.0458

■ 0.0000, 0.0000,
0.0000

■ 53.6278, 52.4242,
79.9654

■ 53.6278, 52.4242,
79.9654

■ 44.5854, 41.1710,
78.2707

■ 64.0764, 65.5349,
81.9462

■ 36.8841, 31.6849,
76.8456

■ 75.9831, 80.5754,
84.2217

■ 30.4607, 23.8773,
75.6772

■ 89.3694, 97.5550,
86.7936

■ 25.2451, 17.6497,
74.7500

■ 90.8653, 98.3261,
86.8636

■ 21.1600, 12.8929,
74.0472

■ 18.1194, 9.4838,
73.5494

■ 16.0238, 7.2790,
73.2343

■ 14.7468, 6.0876,
73.0716

■ 14.5263, 5.8869,
73.0445

Harmonies

Analogous

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



49.4835, 52.4242, 83.2398



53.6278, 52.4242, 79.9654



56.9049, 52.4242, 70.3186

Triad

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



53.6278, 52.4242, 79.9654



54.2576, 52.4242, 39.8128



42.2371, 52.4242, 56.0990

Complementary

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



53.6278, 52.4242, 79.9654



66.2593, 73.8995, 57.7880

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.



43.3629, 52.4242, 45.6187



53.6278, 52.4242, 79.9654



50.1733, 52.4242, 37.0720

Square

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



53.6278, 52.4242, 79.9654



57.2826, 52.4242, 47.1079



46.2114, 52.4242, 39.0410



43.0493, 52.4242, 68.3709

Rectangle

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



53.6278, 52.4242, 79.9654



58.0757, 52.4242, 62.1833



46.2114, 52.4242, 39.0410



42.4000, 52.4242, 52.2658

Sweetspot

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



53.6294, 52.4264, 79.9666



87.2411, 90.1353, 107.4075



60.3931, 68.1779, 82.6504



18.4466, 19.0070, 22.9464



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.



53.6294, 52.4264, 79.9666



65.4723, 62.8289, 103.2842



58.8848, 55.1356, 80.2125



13.7830, 13.9904, 18.1183



8.5321, 3.4643, 42.6022



0.6933, 0.2884, 3.1511

Inverse Universe

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



62.5017, 57.0942, 76.1350



79.0155, 69.9569, 97.3097



60.7074, 71.0374, 57.5281



14.8973, 14.5761, 17.6597



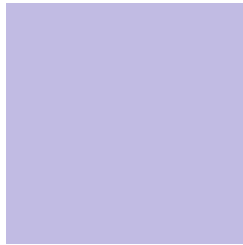
24.1206, 11.7825, 30.5939



1.8078, 0.8808, 2.3943

Previews

White Background



This preview shows how the XYZ color 53.6278, 52.4242, 79.9654 looks on a white background.

Color Contrast Check

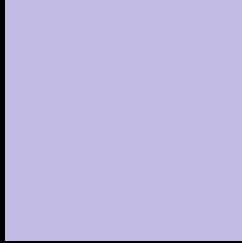
Large Text (above 18pt) WCAG AA × Fail

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 53.6278, 52.4242, 79.9654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

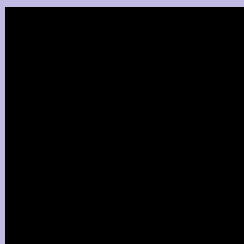
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6278, 52.4242, 79.9654

Background



This preview shows how black text looks on a background with the XYZ color 53.6278, 52.4242, 79.9654.



This preview shows how white text looks on a background with the XYZ color 53.6278, 52.4242,

79.9654.

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

53.6278, 52.4242, 79.9654

Protanopia

52.0848, 52.5513, 81.5270

Deuteranopia

53.6278, 52.4242, 79.9654



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

53.6278, 52.4242, 79.9654

Protanomaly

52.6947, 52.5614, 80.7668

Deuteranomaly

53.6278, 52.4242, 79.9654

Tritanomaly

51.7863, 52.6291, 71.0473

Monochromacy



Original Color

53.6278, 52.4242, 79.9654

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6426, 53.0068, 65.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6278, 52.4242, 79.9654 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(193, 187, 227)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 227)  
}
```

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(193, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.6278, 52.4242, 79.9654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

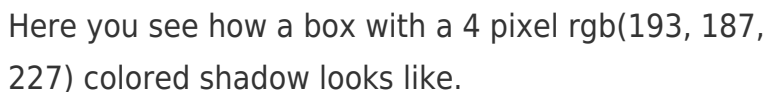
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 187, 227) }
```


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

```
.border{ border-color:rgb(193, 187, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 187, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6278, 52.4242, 79.9654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 227) }
```

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

```
.background{ background-color: rgb(193,  
187, 227) }
```

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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