

Converting Colors

XYZ(52.5821, 52.5576, 63.8732)

Have a look what the booklet for
XYZ(52.5821, 52.5576, 63.8732)
contains.

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Color

**XYZ(52.5821, 52.5576,
63.8732)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BCCB
RGB	200, 188, 203
RGB Percent	78%, 74%, 80%
CMY	0.2157, 0.2627, 0.2039
CMYK	0.01, 0.07, 0.00, 0.20
HSL	288°, 13%, 77%
HSV	288°, 7%, 80%
XYZ	52.5821, 52.5576, 63.8732
YIQ	193.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

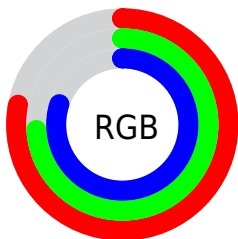
Format	Color
R_{YB}	200, 188, 203
Decimal	13155531
CIE _{Lab}	77.61, 6.95, -6.02
CIE _{LCh}	78, 9.199, 319.112
Yxy	52.5576, 0.3111, 0.3110
Android (android.graphics.Color)	4291345611 (0xFFC8BCCB)
YUV	193.2980, 4.7831, 5.8777
Hunter-Lab	72.4966, 2.5977, -1.4899

Details

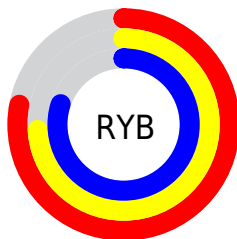
The XYZ color **52.5821, 52.5576, 63.8732** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9209, 57.4205, 55.9264**, and the grayscale version is **50.8369, 53.4844, 58.2445**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **25.9428, 25.6089, 32.0094** is the 20% darker color. If you saturate the color by 10%, you get **47.4772, 43.9359, 62.4789**, and if you desaturate by 10%, it is **58.3289, 62.4186, 65.4745**.

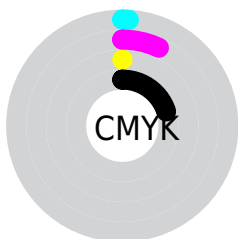
Distribution



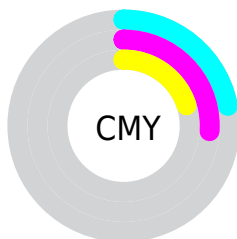
- Red (78%)
- Green (74%)
- Blue (80%)



- Red (78%)
- Yellow (74%)
- Blue (80%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5821, 52.5576, 63.8732 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 52.5821, 52.5576, 63.8732 by changing the saturation by 10% instead.

■ 52.5821, 52.5576,
63.8732

■ 52.5821, 52.5576,
63.8732

386.9669,
396.5855, 456.9265

■ 37.6954, 37.4497,
46.1025

■ 93.1583, 93.9531,
112.0260

■ 25.9225, 25.5559,
31.9774

119.5785,
121.0094, 143.2452

■ 16.8981, 16.4917,
21.0796

150.5740,
152.8174, 179.7842

■ 10.2567, 9.8727,
12.9904

186.5100,
189.7614, 222.0616

■ 5.6330, 5.3147,
7.2913

227.7519,
232.2258, 270.4961

■ 2.6618, 2.4330,
3.5637

274.6652,

■ 0.9775, 0.8428,

280.5951, 325.5060

1.3892

327.6150,
335.2535, 387.5099

■ 0.0000, 0.0000,
0.1333

■ 0.0000, 0.0000,
0.0000

■ 52.5821, 52.5576,
63.8732

■ 52.5821, 52.5576,
63.8732

■ 47.4772, 43.9359,
62.4789

■ 58.3289, 62.4186,
65.4745

■ 42.9840, 36.4960,
61.2797

■ 64.7369, 73.5599,
67.2872

■ 39.0767, 30.1858,
60.2676

■ 71.8306, 86.0291,
69.3201

■ 35.7259, 24.9468,
59.4330

■ 74.9312, 90.4682,
70.0136

■ 32.8995, 20.7150,
58.7651

■ 76.1478, 91.0954,
70.0705

■ 30.5618, 17.4197,
58.2523

■ 77.3942, 91.7380,
70.1288

■ 28.6727, 14.9808,
57.8811

■ 78.6708, 92.3961,
70.1886

■ 27.1852, 13.3046,
57.6360

■ 79.9776, 93.0698,
70.2497

■ 26.0341, 12.2613,
57.4952

■ 81.3150, 93.7592,
70.3123

Harmonies

Analogous

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



51.0814, 52.5576, 66.9786



52.5821, 52.5576, 63.8732



53.3852, 52.5576, 59.0945

Triad

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



52.5821, 52.5576, 63.8732



50.6026, 52.5576, 48.1454



46.7952, 52.5576, 60.4902

Complementary

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



52.5821, 52.5576, 63.8732



51.9209, 57.4205, 55.9264

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.



46.6739, 52.5576, 55.3979



52.5821, 52.5576, 63.8732



48.8441, 52.5576, 48.4698

Square

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



52.5821, 52.5576, 63.8732



52.2244, 52.5576, 50.1432



47.4158, 52.5576, 51.0573



47.7512, 52.5576, 64.9468

Rectangle

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



52.5821, 52.5576, 63.8732



53.4044, 52.5576, 55.6907



47.4158, 52.5576, 51.0573



46.6563, 52.5576, 58.7899

Sweetspot

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



52.5836, 52.5599, 63.8743



93.0702, 96.5961, 108.3473



50.2061, 52.3763, 63.9642



19.9416, 20.7112, 23.1966



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.



52.5836, 52.5599, 63.8743



86.4917, 85.3610, 106.5255



52.8933, 52.7772, 61.2814



11.4592, 11.2860, 14.1448



16.4685, 7.6974, 36.5740



0.9069, 0.4267, 1.8895

Inverse Universe

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



52.0177, 52.4270, 56.6708



85.3444, 85.0948, 91.7730



51.6390, 57.2215, 58.3399



11.3026, 11.2498, 12.1279



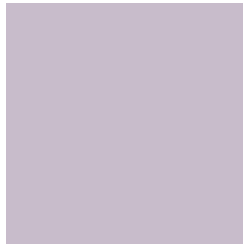
15.9503, 8.1907, 2.1908



0.8505, 0.4336, 0.2586

Previews

White Background



This preview shows how the XYZ color 52.5821, 52.5576, 63.8732 looks on a white background.

Color Contrast Check

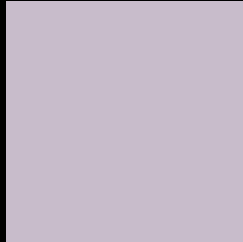
Large Text (above 18pt) WCAG AA × Fail

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 52.5821, 52.5576, 63.8732 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 52.5821, 52.5576, 63.8732

Background



This preview shows how black text looks on a background with the XYZ color 52.5821, 52.5576, 63.8732.

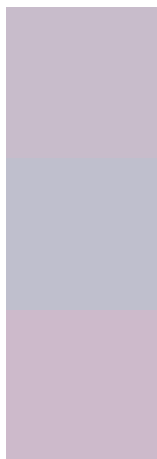


This preview shows how white text looks on a background with the XYZ color 52.5821, 52.5576,

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

52.5821, 52.5576, 63.8732

Protanopia

51.1361, 52.7457, 65.2434

Deuteranopia

53.5152, 52.4087, 63.7953



Tritanopia

52.5821, 52.5576, 63.8732

Trichromacy



Original Color

52.5821, 52.5576, 63.8732

Protanomaly

51.5607, 52.6559, 64.5728

Deuteranomaly

53.1784, 52.5490, 63.8401

Tritanomaly

52.5821, 52.5576, 63.8732

Monochromacy



Original Color

52.5821, 52.5576, 63.8732

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4738, 53.0286, 60.3459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5821, 52.5576, 63.8732 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(200, 188, 203) looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 203)  
}
```

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(200, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.5821, 52.5576, 63.8732 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(200, 188, 203) }
```


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

```
.border{ border-color:rgb(200, 188, 203) }
```

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

Here you see how a box with a 4 pixel rgb(200, 188, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5821, 52.5576, 63.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 203) }
```

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

```
.background{ background-color: rgb(200,  
188, 203) }
```

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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