

Converting Colors

XYZ(56.2463, 54.4397, 63.3882)

Have a look what the booklet for
XYZ(56.2463, 54.4397, 63.3882)
contains.

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Color

**XYZ(56.3754, 54.5268,
63.4305)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BCCA
RGB	214, 188, 202
RGB Percent	84%, 74%, 79%
CMY	0.1608, 0.2627, 0.2078
CMYK	0.00, 0.12, 0.06, 0.16
HSL	328°, 24%, 79%
HSV	328°, 12%, 84%
XYZ	56.3754, 54.5268, 63.4305
YIQ	197.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

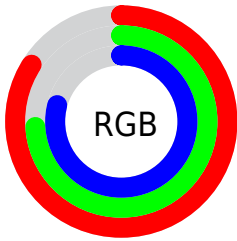
Format	Color
R_{YB}	214, 188, 202
Decimal	14073034
CIE _{Lab}	78.77, 11.62, -3.64
CIE _{LCh}	79, 12.176, 342.592
Yxy	54.5268, 0.3234, 0.3128
Android (android.graphics.Color)	4292263114 (0xFFD6BCCA)
YUV	197.3700, 2.2826, 14.5845
Hunter-Lab	73.8423, 7.0531, 0.7595

Details

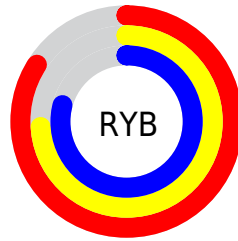
The XYZ color **56.3754, 54.5268, 63.4305** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2130, 62.9560, 63.8882**, and the grayscale version is **53.2777, 56.0523, 61.0410**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **28.3073, 26.8370, 31.7051** is the 20% darker color. If you saturate the color by 10%, you get **51.0064, 45.6004, 56.0540**, and if you desaturate by 10%, it is **62.5003, 64.8436, 71.4297**.

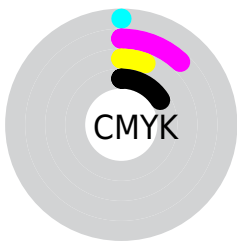
Distribution



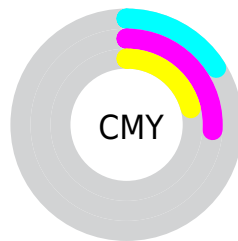
- Red (84%)
- Green (74%)
- Blue (79%)



- Red (84%)
- Yellow (74%)
- Blue (79%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3754, 54.5268, 63.4305 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 56.3754, 54.5268, 63.4305 by changing the saturation by 10% instead.

■ 56.3754, 54.5268,
63.4305

■ 56.3754, 54.5268,
63.4305

401.1568,
404.1157, 455.2811

■ 40.7422, 39.0230,
45.7463

■ 98.6899, 96.8473,
111.3819

■ 28.3045, 26.7776,
31.6985

126.1018,
124.4328, 142.4863

■ 18.6969, 17.4063,
20.8684

158.1707,
156.8143, 178.9011

■ 11.5542, 10.5246,
12.8375

195.2619,
194.3762, 221.0449

■ 6.5109, 5.7481,
7.1874

237.7408,
237.5029, 269.3362

■ 3.2017, 2.6925,
3.4993

285.9726,

■ 1.2613, 0.9734,

286.5787, 324.1937

1.3549

340.3229,
341.9882, 386.0358

■ 0.1540, 0.0000,
0.1062

■ 0.0000, 0.0000,
0.0000

■ 56.3754, 54.5268,
63.4305

■ 56.3754, 54.5268,
63.4305

■ 51.0064, 45.6004,
56.0540

■ 62.5003, 64.8436,
71.4297

■ 46.3574, 37.9973,
49.2795

■ 69.4057, 76.6001,
80.0645

■ 42.3967, 31.6553,
43.0899

■ 77.1206, 89.8517,
89.3517

■ 39.0881, 26.5048,
37.4660

■ 79.4460, 92.1980,
97.2314

■ 36.3922, 22.4688,
32.3870

■ 80.9665, 92.8061,
105.2378

■ 34.2647, 19.4617,
27.8305

■ 81.5419, 93.0363,
108.2678

■ 32.6550, 17.3850,
23.7716

■ 31.5029, 16.1206,
20.1817

■ 30.8389, 15.5391,
17.6594

Harmonies

Analogous

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



55.0264, 54.5268, 69.6878



56.3754, 54.5268, 63.4305



56.4821, 54.5268, 56.5235

Triad

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



56.3754, 54.5268, 63.4305



50.8222, 54.5268, 47.3358



48.4885, 54.5268, 68.8140

Complementary

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



56.3754, 54.5268, 63.4305



55.2130, 62.9560, 63.8882

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.



47.4333, 54.5268, 62.3114



56.3754, 54.5268, 63.4305



48.7523, 54.5268, 50.1252

Square

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



56.3754, 54.5268, 63.4305



53.2250, 54.5268, 47.5844



47.5283, 54.5268, 55.4874



50.4519, 54.5268, 72.9576

Rectangle

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



56.3754, 54.5268, 63.4305



55.8297, 54.5268, 52.5039



47.5283, 54.5268, 55.4874



48.0186, 54.5268, 66.8109

Sweetspot

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



56.3770, 54.5292, 63.4317



91.1330, 93.3643, 103.9003



53.8622, 53.0622, 71.0222



19.3531, 19.7250, 22.0414



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.



56.3770, 54.5292, 63.4317



81.3248, 76.8915, 90.9396



54.9346, 53.9522, 55.8362



12.7000, 12.5315, 14.3605



18.6931, 9.4135, 10.9536



1.1691, 0.5844, 0.8798

Inverse Universe

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



56.3770, 54.5292, 63.4317



81.3248, 76.8915, 90.9396



56.7594, 63.5746, 72.0318



12.7000, 12.5315, 14.3605



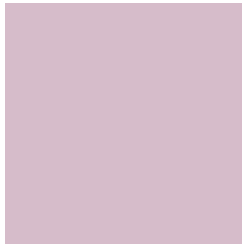
18.6931, 9.4135, 10.9536



1.1691, 0.5844, 0.8798

Previews

White Background



This preview shows how the XYZ color 56.3754, 54.5268, 63.4305 looks on a white background.

Color Contrast Check

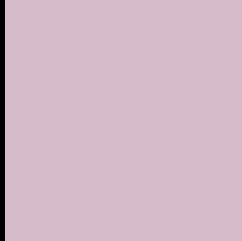
Large Text (above 18pt) WCAG AA × Fail

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 56.3754, 54.5268, 63.4305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

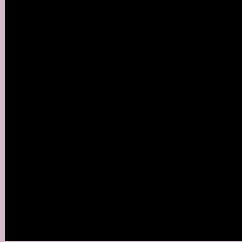
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3754, 54.5268, 63.4305

Background



This preview shows how black text looks on a background with the XYZ color 56.3754, 54.5268, 63.4305.



This preview shows how white text looks on a background with the XYZ color 56.3754, 54.5268,

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

56.3754, 54.5268, 63.4305

Protanopia

53.1973, 54.7756, 66.1615

Deuteranopia

55.7222, 54.5083, 63.4614



Tritanopia

56.4943, 54.5744, 64.0563

Trichromacy



Original Color

56.3754, 54.5268, 63.4305

Protanomaly

54.4977, 54.8036, 65.4634

Deuteranomaly

56.0096, 54.6565, 63.4748

Tritanomaly

56.4943, 54.5744, 64.0563

Monochromacy



Original Color

56.3754, 54.5268, 63.4305

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.2292, 55.4036, 61.8686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3754, 54.5268, 63.4305 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(214, 188, 202) looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 202)  
}
```

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(214, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.3754, 54.5268, 63.4305 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(214, 188, 202) }
```


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

```
.border{ border-color:rgb(214, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3754, 54.5268, 63.4305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 202) }
```

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

```
.background{ background-color: rgb(214,  
188, 202) }
```

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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