

Converting Colors

XYZ(55.6070, 54.7419, 64.7622)

Have a look what the booklet for XYZ(55.6070, 54.7419, 64.7622) contains.

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Color

**XYZ(55.6070, 54.7419,
64.7622)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BECC
RGB	209, 190, 204
RGB Percent	82%, 75%, 80%
CMY	0.1804, 0.2549, 0.2000
CMYK	0.00, 0.09, 0.02, 0.18
HSL	316°, 17%, 78%
HSV	316°, 9%, 82%
XYZ	55.6070, 54.7419, 64.7622
YIQ	197.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

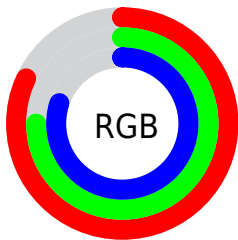
Format	Color
R _Y B	209, 190, 204
Decimal	13745868
CIE Lab	78.89, 9.16, -4.59
CIE LCh	79, 10.250, 333.402
Yxy	54.7419, 0.3176, 0.3126
Android (android.graphics.Color)	4291935948 (0xFFD1BECC)
YUV	197.2770, 3.3144, 10.2811
Hunter-Lab	73.9878, 4.6767, -0.1057

Details

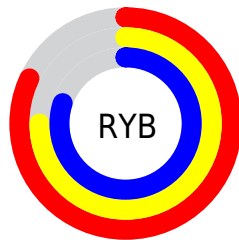
The XYZ color **55.6070, 54.7419, 64.7622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8881, 60.4896, 60.4680**, and the grayscale version is **53.2173, 55.9888, 60.9718**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **27.9683, 27.0619, 32.6035** is the 20% darker color. If you saturate the color by 10%, you get **50.7532, 46.0708, 59.9468**, and if you desaturate by 10%, it is **61.1364, 64.7253, 69.9191**.

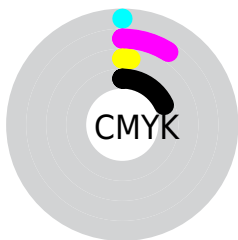
Distribution



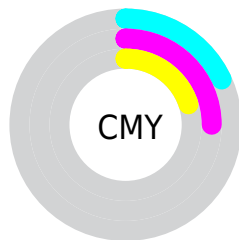
- Red (82%)
- Green (75%)
- Blue (80%)



- Red (82%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6070, 54.7419, 64.7622 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 55.6070, 54.7419, 64.7622 by changing the saturation by 10% instead.

■ 55.6070, 54.7419,
64.7622

■ 55.6070, 54.7419,
64.7622

398.3078,
404.9328, 460.2197

■ 40.1237, 39.1951,
46.8182

■ 97.5729, 97.1627,
113.3179

■ 27.8196, 26.9115,
32.5386

124.7862,
124.8055, 144.7667

■ 18.3295, 17.5068,
21.5050

156.6401,
157.2491, 181.5541

■ 11.2879, 10.5965,
13.2988

193.5001,
194.8779, 224.0986

■ 6.3296, 5.7962,
7.5015

235.7316,
238.0763, 272.8190

■ 3.0890, 2.7216,
3.6945

283.6998,

■ 1.2010, 0.9882,

287.2286, 328.1336

1.4593

337.7701,
342.7193, 390.4610

■ 0.1072, 0.0000,
0.1873

■ 0.0000, 0.0000,
0.0000

■ 55.6070, 54.7419,
64.7622

■ 55.6070, 54.7419,
64.7622

■ 50.7532, 46.0708,
59.9468

■ 61.1364, 64.7253,
69.9191

■ 46.5424, 38.6498,
55.4590

■ 67.3627, 76.0656,
75.4238

■ 42.9467, 32.4223,
51.2887

■ 74.3122, 88.8142,
81.2868

■ 39.9339, 27.3245,
47.4242

■ 75.7829, 90.5667,
85.4419

37.4689, 23.2865,
43.8525

76.5501, 90.8736,
89.4820

35.5128, 20.2309,
40.5594

77.3418, 91.1903,
93.6509

34.0212, 18.0696,
37.5288

78.1581, 91.5168,
97.9496

32.9420, 16.6984,
34.7420

78.9993, 91.8533,
102.3793

32.1894, 15.9464,
32.1692

79.8656, 92.1998,
106.9412

Harmonies

Analogous

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



54.2137, 54.7419, 69.4542



55.6070, 54.7419, 64.7622



56.0336, 54.7419, 58.9424

Triad

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



55.6070, 54.7419, 64.7622



51.7988, 54.7419, 49.1069



48.8329, 54.7419, 65.9866

Complementary

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



55.6070, 54.7419, 64.7622



53.8881, 60.4896, 60.4680

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.



48.2228, 54.7419, 60.2718



55.6070, 54.7419, 64.7622



49.9068, 54.7419, 50.7333

Square

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



55.6070, 54.7419, 64.7622



53.8016, 54.7419, 50.1386



48.6108, 54.7419, 54.7284



50.2988, 54.7419, 70.1928

Rectangle

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



55.6070, 54.7419, 64.7622



55.7034, 54.7419, 55.2652



48.6108, 54.7419, 54.7284



48.5227, 54.7419, 64.1655

Sweetspot

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



55.6086, 54.7443, 64.7634



92.3354, 95.0868, 106.4043



52.3655, 53.0020, 67.7927



19.6119, 20.0785, 22.6339



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.



55.6086, 54.7443, 64.7634



85.5794, 82.9244, 99.9915



54.5319, 54.3136, 59.0935



12.1724, 11.9537, 14.1837



19.8507, 9.8131, 19.9179



1.1416, 0.5614, 1.2806

Inverse Universe

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



55.6086, 54.7443, 64.7634



85.5794, 82.9244, 99.9915



54.9665, 60.9210, 66.1472



12.1724, 11.9537, 14.1837



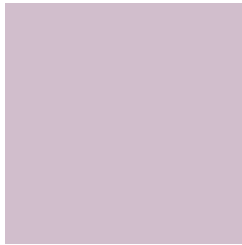
19.8507, 9.8131, 19.9179



1.1416, 0.5614, 1.2806

Previews

White Background



This preview shows how the XYZ color 55.6070, 54.7419, 64.7622 looks on a white background.

Color Contrast Check

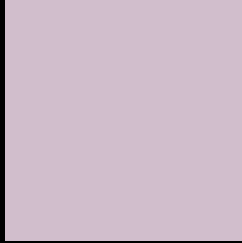
Large Text (above 18pt) WCAG AA × Fail

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 55.6070, 54.7419, 64.7622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

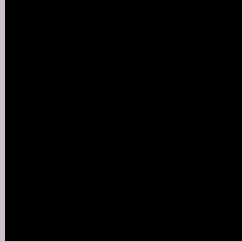
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6070, 54.7419, 64.7622

Background



This preview shows how black text looks on a background with the XYZ color 55.6070, 54.7419, 64.7622.



This preview shows how white text looks on a background with the XYZ color 55.6070, 54.7419,

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

55.6070, 54.7419, 64.7622

Protanopia

53.3192, 54.8243, 66.8034

Deuteranopia

55.8909, 54.8882, 64.7755



Tritanopia

55.7274, 54.7900, 65.3960

Trichromacy



Original Color

55.6070, 54.7419, 64.7622

Protanomaly

54.2979, 55.0137, 66.1494

Deuteranomaly

55.8909, 54.8882, 64.7755

Tritanomaly

55.7274, 54.7900, 65.3960

Monochromacy



Original Color

55.6070, 54.7419, 64.7622

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8045, 55.1712, 62.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6070, 54.7419, 64.7622 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(209, 190, 204)` looks like.

```
.text, #text, p{  
    color:rgb(209, 190, 204)  
}
```

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(209, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 190, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.6070, 54.7419, 64.7622 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(209, 190, 204) }
```


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

```
.border{ border-color:rgb(209, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 190, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 190, 204); box-shadow:4px 4px 4px 4px rgb(209, 190, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6070, 54.7419, 64.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 190, 204) }
```

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

```
.background{ background-color: rgb(209,  
190, 204) }
```

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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