

Converting Colors

XYZ(55.1286, 58.6631, 75.5121)

Have a look what the booklet for
XYZ(55.1286, 58.6631, 75.5121)
contains.

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Color

**XYZ(55.1284, 58.6452,
75.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCBDB
RGB	189, 203, 219
RGB Percent	74%, 80%, 86%
CMY	0.2588, 0.2039, 0.1412
CMYK	0.14, 0.07, 0.00, 0.14
HSL	212°, 29%, 80%
HSV	212°, 14%, 86%
XYZ	55.1284, 58.6452, 75.4319
YIQ	200.6380, -13.4800, 2.0080

Conversions

Conversions Part 2

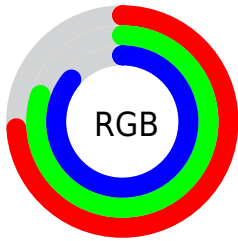
Format	Color
R _Y B	189, 199, 219
Decimal	12438491
CIE Lab	81.10, -1.54, -9.56
CIE LCh	81, 9.684, 260.864
Yxy	58.6452, 0.2914, 0.3100
Android (android.graphics.Color)	4290628571 (0xFFBDCBDB)
YUV	200.6380, 9.0525, -10.2065
Hunter-Lab	76.5802, -5.5170, -4.7949

Details

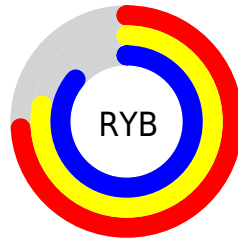
The XYZ color **55.1284, 58.6452, 75.4319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2304, 62.3966, 57.0145**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **27.4400, 29.3261, 39.3362** is the 20% darker color. If you saturate the color by 10%, you get **47.4463, 50.7453, 74.3129**, and if you desaturate by 10%, it is **63.8420, 67.3883, 76.6612**.

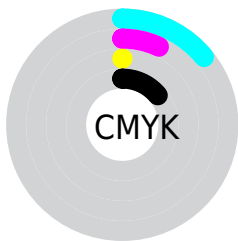
Distribution



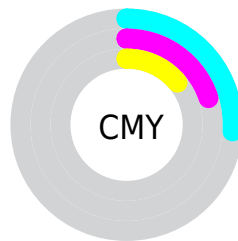
- Red (74%)
- Green (80%)
- Blue (86%)



- Red (74%)
- Yellow (78%)
- Blue (86%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (26%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1284, 58.6452, 75.4319 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 55.1284, 58.6452, 75.4319 by changing the saturation by 10% instead.

■ 55.1284, 58.6452,
75.4319

■ 55.1284, 58.6452,
75.4319

396.5270,
419.5858, 498.6957

■ 39.7388, 42.3276,
55.4629

■ 96.8763, 102.8618,
128.6763

■ 27.5182, 29.3579,
39.3714

123.9653,
131.5296, 162.7887

■ 18.1014, 19.3517,
26.7387

155.6847,
165.0829, 202.4528

■ 11.1229, 11.9247,
17.1464

192.4000,
203.9061, 248.0870

■ 6.2175, 6.6924,
10.1759

234.4766,
248.3836, 300.1098

■ 3.0197, 3.2705,
5.4086

282.2797,

■ 1.1642, 1.2745,

298.8998, 358.9399

2.4260

336.1747,
355.8391, 424.9957

■ 0.0778, 0.1214,
0.8006

■ 0.0000, 0.0000,
0.0000

■ 55.1284, 58.6452,
75.4319

■ 55.1284, 58.6452,
75.4319

■ 47.4463, 50.7453,
74.3129

■ 63.8420, 67.3883,
76.6612

■ 40.7494, 43.6534,
73.2970

■ 73.6206, 76.9939,
77.9998

■ 34.9952, 37.3422,
72.3821

■ 84.5027, 87.4896,
79.4522

■ 30.1359, 31.7797,
71.5645

■ 88.1239, 94.5697,
80.6279

■ 26.1193, 26.9316,
70.8404

■ 89.7864, 97.8945,
81.1820

■ 22.8870, 22.7599,
70.2056

■ 20.3724, 19.2219,
69.6552

■ 18.4952, 16.2679,
69.1840

■ 17.5595, 14.6609,
68.9231

Harmonies

Analogous

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



53.3339, 58.6452, 72.8411



55.1284, 58.6452, 75.4319



57.1299, 58.6452, 74.7789

Triad

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



55.1284, 58.6452, 75.4319



59.4347, 58.6452, 59.9889



52.7929, 58.6452, 57.1129

Complementary

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



55.1284, 58.6452, 75.4319



60.2304, 62.3966, 57.0145

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.



54.3738, 58.6452, 54.0497



55.1284, 58.6452, 75.4319



58.2184, 58.6452, 55.6395

Square

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



55.1284, 58.6452, 75.4319



59.6486, 58.6452, 65.6303



56.3571, 58.6452, 53.5271



52.0070, 58.6452, 62.1113

Rectangle

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



55.1284, 58.6452, 75.4319



58.3105, 58.6452, 72.6069



56.3571, 58.6452, 53.5271



53.2472, 58.6452, 55.8356

Sweetspot

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



55.1301, 58.6476, 75.4332



89.6858, 94.6952, 108.1588



57.2780, 65.8666, 67.1374



18.9864, 20.0599, 23.1212



0.0000, 0.0000, 0.0000



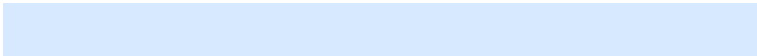
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1301, 58.6476, 75.4332



75.0480, 79.9623, 106.0866



52.0954, 52.3937, 74.3860



12.8372, 13.6141, 16.6033



10.5193, 8.9081, 40.9034



0.7672, 0.7485, 2.6785

Inverse Universe

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



58.1919, 55.7683, 64.2001



80.0801, 75.3516, 87.5972



63.5810, 69.3208, 58.1744



13.3077, 13.1522, 14.8815



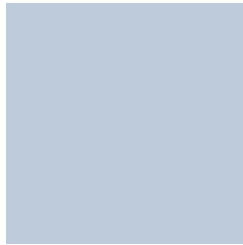
18.8050, 9.5230, 8.6191



1.2615, 0.6343, 0.7862

Previews

White Background



This preview shows how the XYZ color 55.1284, 58.6452, 75.4319 looks on a white background.

Color Contrast Check

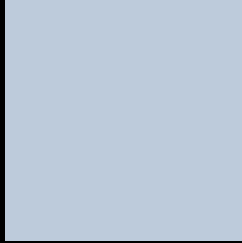
Large Text (above 18pt) WCAG AA × Fail

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 55.1284, 58.6452, 75.4319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

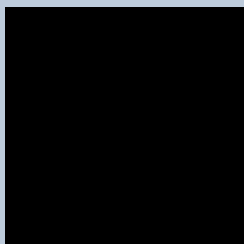
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

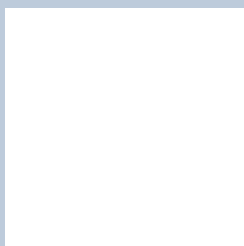
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1284, 58.6452, 75.4319

Background



This preview shows how black text looks on a background with the XYZ color 55.1284, 58.6452, 75.4319.

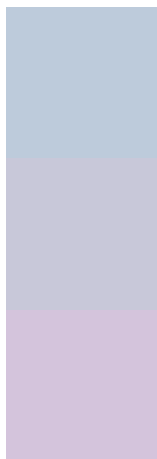


This preview shows how white text looks on a background with the XYZ color 55.1284, 58.6452,

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

55.1284, 58.6452, 75.4319

Protanopia

56.9981, 58.5977, 73.9520

Deuteranopia

59.8096, 58.6442, 75.8773



Tritanopia

55.1284, 58.6452, 75.4319

Trichromacy



Original Color

55.1284, 58.6452, 75.4319

Protanomaly

56.3065, 58.5710, 74.6673

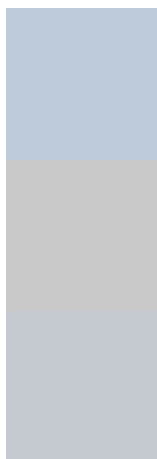
Deuteranomaly

58.2435, 58.8515, 75.9999

Tritanomaly

55.1284, 58.6452, 75.4319

Monochromacy



Original Color

55.1284, 58.6452, 75.4319

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5317, 58.6654, 68.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1284, 58.6452, 75.4319 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(189, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 219)  
}
```

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(189, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 219) }
```

Border

The CSS property to change the border of an element to XYZ 55.1284, 58.6452, 75.4319 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(189, 203, 219) }
```


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

```
.border{ border-color:rgb(189, 203, 219) }
```

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

Here you see how a box with a 4 pixel rgb(189, 203, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1284, 58.6452, 75.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 219) }
```

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

```
.background{ background-color: rgb(189,  
203, 219) }
```

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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